TO: MICHAEL LEBRUN MSL
INTERIM GENERAL MANAGER

FROM: TINA GRIETENS TG
UTILITY SUPERINTENDENT

DATE: MAY 5, 2011

AGENDA ITEM
E-2
MAY 11, 2011

ADOPT BUDGET AMENDMENT RESOLUTION AND APPROVE PURCHASE OF PORTABLE GENERATORS

ITEM

ADOPT BUDGET AMEMDMENT RESOLUTION AND APPROVE PURCHASE OF PORTABLE GENERATORS [RECOMMEND ADOPT RESOLUTION, APPROVE PURCHASE]

BACKGROUND

A Statewide General Waste Discharge Requirement was passed in 2004 (WDR Order 2006-0003) and is known as the Sanitary Sewer Overflow Regulation. This Regulation is referenced in the District's Water and Sewer Master Plan and requires that the District develop a Sewer System Monitoring Plan. The Monitoring Plan must include the District's plans for system management, operations, and maintenance, as well as a spill response plan. The District's Sewer Monitoring Plan was adopted by the District Board of Directors on April 14, 2010 and includes both Town and Blacklake Sewer Systems. In order to remain in compliance with the Plan's Equipment and Maintenance Inventory (Section 4.6), the District must keep "permanent generators or a fleet of portable backup generators for emergency use in the ready stand-by mode at all times in case of emergency".

The District maintains thirteen sewage pumping stations and two sewage treatment facilities which all depend on electrical power. Permanent generators which operate automatically in the event of a power outage are located at the Southland Wastewater Treatment Facility and the Tefft Street Lift Station. The other locations rely upon portable emergency generators to operate in the event of a power outage. The two portable generators owned by the District are more than 15 years old, are "Tier 0", which means they will be out of compliance with the Air Pollution Control Board emissions requirements in 2012.

The purchase of two portable diesel generators capable of powering any of the District lift stations was budgeted in the 2010-2011 Fiscal Budget. Staff requested quotes for trailer mounted diesel generators with the capability of providing 60 kW of power, from three vendors: Quinn Power Systems, San Luis Powerhouse and Ahern Rental and Sales. Ahern Rental and Sales did not provide a quote. The following is a summary of the quotes received (not including tax):

Quinn Power Systems

Caterpillar Model XQ60 list price	$ 72,085.00 each (UL double wall fuel tank)
Caterpillar Model XQ60 w/N.J.P.A. price	$ 40,996.75 each (UL double wall fuel tank)
Multiquip Model DCA7OUSI	$ 42,544.65 each (Non-UL double wall fuel tank)

San Luis Powerhouse

Cummins Model C60D6RT	$ 30,775.00 each(Non-UL double wall fuel tank)

All of the diesel generators operated by the Nipomo Community Services District are Caterpillar, with the exception of one natural gas powered generator manufactured by Onan. The District currently has a service contract with the Quinn Company to service all of the generators. The Quinn Company has local service and parts availability with 24-hour emergency service available. The MQ and Cummins generators do not have the same parts or service availability as the Quinn/Caterpillar.

The quotes above include single wall and double wall fuel tanks. The Cummins generator from San Luis Powerhouse is $10,221.00 lower than the price of the Caterpillar, but it does not have a UL listed double walled fuel tank.

A double walled fuel tank (UL 142) is required for secondary containment of diesel fuel unless the generator is stored in a concrete basin enclosure. The cost of building a concrete containment for a generator at each of the lift station sites is impractical. Double wall fuel tanks provide an added measure of safety during mobilization of the generator. Purchasing a generator with a double walled fuel tank also gives the District the option of removing the generator from the trailer and bolting the generator to a concrete pad if the need for this piece of equipment changes.

Technical Specification Comparison

	Caterpillar	**Multiquip**	**Onan**
Engine:	Cat C4.4 Diesel	Isuzu	Cummins
Generator:	Permanent magnet	Revolving field	Permanent magnet
Prime:	54 kW	56 kW	55 kW
Standby:	60 kW	62 kW	60 kW
Voltage:	dual voltage	dual voltage	dual voltage
Service Support:	24/7	limited	limited
Weight-full	6980 lbs	2755 lbs	8279 lbs
Fuel capacity:	157.2 gal	39.6 gal	160 gal
Gal/hr-full load	5	4	5
Sound level:	63.1 dB	68 dB	70 dB
UL Dbl wall fuel tank:	yes	no	no
Spill containment:	yes	N/A	yes

Note: All meet APCD Tier 3 air pollution regulations

FISCAL IMPACT

$70,000.00 was budgeted in the Fiscal Year 2010-2011 to purchase two standby diesel generators. The total amount of the purchase for two trailer mounted Caterpillar XQ60 Diesel generators is $89,167.93 including (8.75%) sales tax. Staff requests a budget amendment in the amount of $19,167.93 to purchase the two generators from Quinn Power Systems.

RECOMMENDATION

The double walled fuel tank on the Caterpillar XQ60 generator provides the safest and ultimately the lowest cost to the District of the generators quoted. With the National Joint

Powers Alliance purchasing power the District is saving $62,176 (not including sales tax) by not paying list price for the Caterpillar generator. Staff recommends that your Honorable Board approve the purchase of two trailer mounted Caterpillar XQ60 Diesel Standby Generator from Quinn Power Systems for $89,167.93, approve a budget amendment in the amount of $19,167.93 and authorize staff to execute purchase agreement for the Generators.

ATTACHMENTS

- Draft Budget Amendment Resolution
- Quinn Power Systems Caterpillar Quote
- Quinn Power Systems Multiquip Quote
- San Luis Power House Cummins Quote

NIPOMO COMMUNITY SERVICES DISTRICT
RESOLUTION NO. 2011-xxxx

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE NIPOMO COMMUNITY SERVICES DISTRICT AMENDING THE DISTRICT BUDGET TO PROVIDE FOR THE PURCHASE OF TWO PORTABLE STANDBY DIESEL GENERATORS APPROVED ON MAY 11, 2011

WHEREAS, the Water and Sewer Master Plan and the Strategic Plan have outlined the need for funding the upkeep and maintenance of the District Facilities; and

WHEREAS, generators are required to provide power for pumping sewage during power outages; and

WHEREAS, on April 14, 2010 the District Board of Directors adopted the District's Sewer System Monitoring Plan which includes the District's plans for system management, operations and maintenance, as well as a spill response plan; and

WHEREAS, the District will remain in compliance with the Sewer System Management Plan by keeping generators in the ready standby mode at all times in case of emergency; and

WHEREAS, on May 11, 2011, the Nipomo Community Services District ("District") Board of Directors proposes to authorize the additional funds to purchase two trailer mounted diesel powered generators which will be used to pump sewage during power outages, preventing spills and has proposed a budget amendment of $19,167.93 to purchase the equipment; and

WHEREAS, on June 23, 2010 the District adopted its FY 10-11 Budget; and

WHEREAS, the amount budgeted in Fund #130 for generator purchase was $70,000.00; and

WHEREAS, the District desires to amend the FY 10-11 Budget to allocate funds for the Project's completion.

NOW THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED BY THE NIPOMO COMMUNITY SERVICES DISTRICT BOARD OF DIRECTORS AS FOLLOWS:

1) The District Board of Directors does hereby direct District Staff to purchase two generators from Quinn Power Systems and authorizes the General Manager to approve additional expenditures for a not-to-exceed total aggregate amount of $19,167.93

2) The District Board of Directors does hereby authorize the appropriation of $19,167.93 from Reserves to Budget Account #130 (Sewer Operations Fund) to fund the equipment purchase.

On the motion of Director xxxxxx seconded by Director xxxxxx and on the following roll call vote, to wit:

AYES:
NOES:
ABSENT:
CONFLICTS:

The foregoing resolution is hereby adopted this 11^{h} day of May, 2011.

_____
Jim Harrison, President
Nipomo Community Services District

ATTEST:

_____
Michael LeBrun
General Manager and Secretary to the Board

_____
Jon S. Seitz,
General Counsel

Date: 5-4-11 Quote Number: AWA10675-1

Name: Rick Motley
Company: **Nipomo Community Services District**
Address: 35148 S. Wilson Street Phone: 805-929-1341
City: Nipomo, CA 93444 Fax:

Reference: **Trailer Mounted Generator Sets**

1 Caterpillar Model XQ60 Diesel Generator Set
Trailer Mounted
EPA APPROVED, EMISSION CERTIFIED (Tier 3)

Rating: **60 kW standby**
Voltage: **Multi - Voltage Distribution Panel**
Switchable voltage from 480/277 3 phase to 240/139V 3 phase
(adjustable to 208/120V 3 phase), 240/120 single phase

Includes:

Engine: Heavy duty Caterpillar industrial diesel engine
Model C4.4, In-line 4 cylinder engine, 4.4 liter
Governor: **Electronic governor**
Electrical: 12 vdc, energized to run shutdown solenoid
Lead acid battery
Battery rack and cable
Cooling: Radiator and cooling fan, 125 deg F
Anit-freeze and corrosion inhibitor
Filtration: Dry air filters w/restriction indicator
Fuel filters
Full flow oil filters
Exhaust: Residential silencer, shipped loose on open units
Installed inside enclosure on enclosed units
Alternator: Drip proof self excited, brushless, 12 lead reconnectable
Class H insulation
Automatic, fully sealed, voltage regulator
+/- 1.5% regulation
Baseframe: Fabricated steel base
Lifting holes and anchor holes
Circuit breaker stub up area
Coupling: Single bearing generator with flexible drive plate
Enclosure: **Weather & sound attenuated enclosure (includes internal silencer system)**
Mounts: Anti-vibration mounting pads between engine and base frame

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Guards:	Fan, fan drive, alternator pulley and belt guards
	Radiator stone guard
	Exhaust manifold heat guard
Fuel Sys:	Fuel supply and return lines terminated at base frame, NPT threads
Controls:	**Manual / Automatic start/stop control panel XQ Rental Panel**
	AC voltmeter, Ammeter, Frequency , tachometer
	Hour meter
	Coolant temperature gauge
	Oil pressure gauge
	Battery voltmeter
	Off/On/Auto switch
	Emergency stop button
	Phase selector switch
	Cycle crank timer
	Common fault alarm contacts
Shutdown:	Fail to start
	High coolant temperature
	Low oil pressure
	Overspeed
Wiring:	AC and Dc wiring looms w/ multi pin connectors
Circuit Brkr:	UL listed molded case circuit breaker mounted in NEMA 1 enclosure
Manuals:	(1) set Operation and Maintenance, wiring diagrams, trouble shooting leaflets
Tests:	Factory load test, control and device checks
Finish:	Sheetmetal is degreased, phosphated and chromated with a polyester powder finish. Engine and alternator are cleaned and finished with a baked industrial high gloss polyurethane paint

Additional Optional Generator Set Equipment Included In Quotation:

Trailer
Trailer (HYD Brakes) (Eye Hitch)
Fuel System
UL Listed closed top - diked skid - mounted fuel tank base (24 hours capacity) with fuel alarm (low level / leak detected) (DOUBLE WALL TANK UL LISTED)
Generator
Permanent magnet generator
Anti - condensation heater
Misc.
CSA Certification
Speed Adjustment potentiometer
Cooling System
Coolant heater
Battery Charger
Battery charger, 3 amp,

Quinn Engine Systems Services Included:
Prep and assembly

Items not included:
Installation
Exhaust treatment (If required)
Fuel venting (If required)
Freight allowed to jobsite
Startup inspection service
Additional Fuel containment) (If required)
Standard crane service (Unloading)
Building or air quality permits

Total (w/o tax) .....Caterpillar List Pr	**$69,085.00**
.....Non Caterpillar Item	**$3,000.00**
.....Total Without Tax	**$72,085.00**
.....N.J.P.A. Price Without Ta	**$40,996.75**

Lead Time: 18 to 22 Weeks **Plus Tax**
PLEASE CALL FOR CURRENT LEAD TIMES AND STOCKING GENERATORS.
Warranty: 24 months standard

Optional:

Generator Set Extended Warranty:
Please call for rates.

IF YOU HAVE ANY QUESTIONS PLEASE DO NOT HESITATE TO CALL

SINCERELY
ALLEN ABRAMOVITCH
SALES REPRESENTATIVE

Quinn Power Systems
Allen Abramovitch
Sales Representative
Cell: 805-431-3180
Fax: 805-983-1643
Office: 805-485-2171 Ext. 8706
801 Del Norte Blvd. Oxnard, CA 93030
aabramovitch@quinnpower.com

TERMS

Quinn Engine Systems is an equipment supplier only.
The above prices do not include piping, wiring, installation, test fuel, insulation, unloading, relay and/or circuit breaker testing, relay and/or circuit breaker calibration, coordination studies or applicable sales taxes or other items not specifically mentioned above.
A sale would be for materials only with proof of performance on our part as specified at time of purchase and does not infer a subcontractural agreement for this specific sale.
Quinn Engine Systems limits the scope of supply for the quotation to the equipment and services listed in our bill of materials.
Unless specifically listed in our bill of materials, equipment not indicated is assumed to be supplied by others.
We have detailed the equipment proposed in the bill of material.
Please check it to be certain that it meets your requirements.
Contracts which include penalty or liquidated damage clauses for failure to meet promised shipping dates are not acceptable or binding on Quinn Engine Systems, unless accepted and confirmed in writing by an officer of Quinn Company.
There will be 25% cancellation fee for any orders canceled once placed and accepted by Quinn Engine Systems.
It is the responsibility of the customer and/or user to file for and secure all permits and licenses pertaining to Air Pollution Control District or its likes for the installation and operation for this equipment in its proposed location.
Warranty is for full parts and labor to replace or repair defective materials or correct workmanship problems.
Warranty does not provide for travel or mileage expenses to and from the unit's location in excess of 50 miles nor for the differential of regular and premium off hour rates.
This quotation is based on current manufacturer's prices.
Prices remain firm for a period of thirty (30) days from the date of this quotation.
All invoices will be dated the date of shipment unless purchaser requests shipment to be delayed in which case the invoice will be dated the date that the product(s) were originally ready for shipment.
Terms of payment are net cash on receipt of invoice.
Other terms are available subject to proper credit application and credit approval
All applicable taxes apply.
An exemption certificate must be furnished at the time of the sale if this material is exempt from sales or use tax.
Sales are subject to receipt of proper credit application and credit approval.

XQ60 RENTAL

CATERPILLAR®

Picture shown with optional trailer

STANDBY 60 kW
PRIME 54 kW
60 Hz

Voltage	Standby kW (kVA)	Prime kW (kVA)
208/120V 3 phase	60 (75)	54 (67.5)
480/277V 3 phase	60 (75)	54 (67.5)
240/120V 1 phase	53 (53)	48 (48)

FEATURES

EPA TIER 3 AND CARB CERTIFIED FOR NON-ROAD MOBILE APPLICATIONS

SOUND ATTENUATED ENCLOSURE

- The fully weatherproof enclosure incorporates an internally mounted exhaust silencer and is of extremely rugged construction in order to withstand the rough handling common on many construction sites.
- Highly corrosion resistant construction.
  - Body made from sheet steel components pretreated with zinc phosphate prior to polyester powder coating at 200° C (392° F)
  - Black stainless steel padlockable latches.
  - Zinc die cast hinges/grab handles.
- Excellent access for maintenance.
  - Two large doors on each side. Two rear doors for distribution/control panel.
  - Front panel for air discharge box access.
  - Lube oil and cooling water drains piped to exterior of the enclosure.
- Security and safety.
  - Safety glass control panel viewing window in a lockable access door.
  - Cooling fan and battery charging alternator fully guarded.
  - Fuel fill and battery can only be reached through lockable access doors.
- Transportability.
  - Tested and certified single point lifting eye.
  - Lifting points on baseframe.

ROBUST DESIGN FOR RENTAL ENVIRONMENT

- Packages designed to survive in rugged environments.
- Single wall fuel tank base with 24 hour minimum fuel supply.

DISTRIBUTION PANEL

- Switchable voltage from 480/277V 3-phase to 240/139V 3-phase (can be dialled down to 208/120V 3-phase) 240/120V single phase.*

REAR CUSTOMER ACCESS

- Separate control panel and distribution panel access doors.
- Hinged door over main bus connectors.
- Emergency stop on panel.
- Remote start/stop contacts.

ENVIRONMENTALLY FRIENDLY DESIGN

- EPA Tier 3 off-highway compliant engine.

OPTIONS

- AH1L – Anti-condensation heater 110-120 volt AC
- WHL – Coolant heater 110-120 volt AC
- PBC3UL – UL Listed 5A Battery charger
- CSA-CSA Certification
- FCUL2 – UL double walled fuel tank base
- Tandem axle trailers with hydraulic or electric brakes

* Refer to distribution panel specifications for details.

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STANDARD FEATURES

1. ENGINE

Heavy duty industrial EPA Tier 3 compliant diesel engine.

1.1 Governor

Electronic, compliant with BS5514, Class A1.

1.2 Electrical System

12 volt DC. Energized to run shutdown solenoid. Oil pressure and coolant temperature/level shutdown switches and gauge senders.

1.3 Derates

Genset power derates will be required in accordance with engine manufacturers above 45° C (113° F).

2. COOLING RADIATOR

Radiator and cooling fan complete with protection guards, designed to cool the engine in ambient temperatures up to 43° C (109° F).

3. ENGINE FILTRATION SYSTEM

Cartridge type dry air filters with restriction indicator. Racor fuel filter in addition to engine filter. Cartridge type fuel filters and full flow lube oil filters. All filters have replaceable elements.

4. EXHAUST SYSTEM

Critical silencer with flexible connector with vertical discharge.

5. ELECTRICAL SYSTEM

12 volt system with 65A battery charging alternator, and starter motor on engine single 12V Cat brand maintenance free battery, battery rack, and cables on the generator set baseframe. Optional battery charger mounted on control panel.

6. GENERATOR

Screen protected and drip-proof, self exciting, self-regulating brushless generator with fully interconnected damper windings, IC06 cooling system and sealed-for-life bearings. Switchable voltage output.

6.1 Insulation System

The insulation system is Class H. Windings are impregnated in a triple dip thermo-setting moisture, oil and acid resisting polyester varnish. Heavy coat of anti-tracking varnish for additional protection against moisture or condensation.

6.2 Electrical Characteristics

Electrical design in accordance with BS5000 Part 99, IEC60034-1, EN61000-6, NEMA MG-1.22.

6.3 Automatic Voltage Regulator (AVR)

The fully sealed R438 automatic voltage regulator maintains the voltage within the limits of ± 0.5% at steady state from no load to full load. Nominal adjustment is by means of a trimmer incorporated in the AVR. The panel door incorporates an additional voltage adjustment potentiometer.

6.3.1 Permanent Magnet Generator

Providing 350% short circuit capabilities, enhanced motor starting and non-linear loading performance.

6.4 Waveform Distortion, THF and TIF Factors

The total distortion of the voltage waveform with open circuit between phases or phase and neutral is in the order of 1.8. On a 3-phase balanced harmonic-free load the total distortion is < 4%. Machines are designed to have a THF less than 2% and a TIF less than 50. A 2/3 pitch factor is standard on all stator windings.

6.5 Radio Interference

Suppression is in line with the provisions of EN61000-6.

7. MOUNTING ARRANGEMENT

7.1 Baseframe

The complete generator set is mounted on a heavy duty fabricated steel baseframe. The baseframe includes an integral fuel tank and incorporating specially designed lifting points.

7.2 Coupling

The engine and generator are directly coupled by means of an SAE flange so that there is no possibility of misalignment after prolonged use. The engine flywheel is flexibly coupled to the generator rotor and a full torsional analysis has been carried out to guarantee no harmful vibration will occur in the assembly.

7.3 Anti-Vibration Mounting Pads

Captive anti-vibration pads are affixed between engine/generator feet and the baseframe ensuring complete vibration isolation of the rotating assemblies.

7.4 Safety Guards

The fan, fan drive and battery charging generator drive are fully guarded for personnel protection. Heat guards protect personnel from the exhaust pipe. All guards are to OSHA standards.

8. FUEL SYSTEM

Fuel feed and return lines to the engine are terminated at the baseframe mounted 24 hour extended capacity fuel tank. 3-way valves to allow connection of auxiliary fuel tank.

9. CONTROL SYSTEM

9.1 Control Panel

Set mounted autostart panel in a vibration isolated NEMA 1 sheet steel enclosure with a hinged lockable door.

9.2 DC and AC Wiring Harnesses

DC and AC wiring harnesses utilizing industrial type multi-pin connectors to permit fast fault finding.

10. DISTRIBUTION PANEL

10.1 Circuit Breaker

3-pole UL CSA listed molded case circuit breaker mounted on the generator set in a vibration isolated NEMA 1 distribution panel.

10.2 Multiple Power Receptacles

Receptacles accept industry standard male plugs. Each receptacle is protected by a miniature circuit breaker which also acts as an on/off switch.

11. DOCUMENTATION

A full set of operation and maintenance manuals, circuit wiring diagrams, and instruction leaflets are provided.

12. SOUND ATTENUATED ENCLOSURES

A noise reducing enclosure surrounds the entire generator set. Combined with a critical engine silencer this provides an overall noise reduction from 65 to 68 dBA at 23 feet through the range.

13. FACTORY TESTS

The generator set is load tested before dispatch. All protective devices, control functions and site load conditions are simulated and the generator and its systems checked, proved and then passed for dispatch. A test certificate can be provided upon request.

14. EQUIPMENT FINISH

All sheet metal components including the enclosure and the base tank are fully degreased, phosphated and chromated for anti-corrosive protection prior to painting with polyester powder. The powder is cured at a temperature of 200° C (392° F) to ensure maximum scuff resistance and durability. All fasteners are electroplated. The engine and generator are thoroughly cleaned and finished in temperature controlled ovens with industrial high gloss polyurethane paint.

15. STANDARDS

The equipment meets the following standards: BS4999, BS5000, BS5514, IEC60034, EN61000-6, NEMA MG-1.22.

16. WARRANTY

Full manufacturer's warranty.

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XQ60

Materials and specifications are subject to change without notice.

Generator Set Technical Data – 1800 rpm/60 Hz			Standby		Prime	
Power Rating	kW	(kVA)	60	(75)	54	(68.8)
Lubricating System						
Oil type required: API CH-4						
Total oil capacity	L	(U.S. gal)	8.4	(2.2)	8.4	(2.2)
Oil pan	L	(U.S. gal)	6.9	(1.8)	6.9	(1.8)
Fuel System						
Recommended fuel: #2 diesel						
Generator set fuel consumption						
100% load	L/hr	(gal/hr)	19.5	(5.2)	18.7	(4.9)
75% load	L/hr	(gal/hr)	16.9	(4.5)	16.0	(4.2)
50% load	L/hr	(gal/hr)	13.1	(3.5)	12.4	(3.3)
Fuel tank capacity	L	(U.S. gal)	595	(157.2)	595	(157.2)
Cooling System						
Radiator system capacity including engine	L	(U.S. gal)	13.0	(3.4)	13.0	(3.4)
Air Requirements						
Combustion air flow	m³/min	(cfm)	5.9	(208)	5.9	(208)
Maximum air cleaner restriction	kPa	(in H_2O)	8.0	(32.1)	8.0	(32.1)
Radiator cooling air	m³/min	(cfm)	101.4	(3,581)	101.4	(3,581)
Generator cooling air	m³/min	(cfm)	19.2	(678)	19.2	(678)
Exhaust System						
Exhaust flow at rated kW	m³/min	(cfm)	14.7	(519)	14.4	(509)
Exhaust temperature at rated kW – dry exhaust	°C	(°F)	547	(1,017)	525	(977)
Generator Set Noise Rating* [with enclosure at 7 meters (23 feet)]	dBA		63.1		63.1	

SPECIFICATIONS

GENERATOR

Voltage regulation ..... ± 0.5% at steady state from no load to full load
Frequency ..... ± 0.25% for constant load from no load to 100% load
Waveform distortion ..... THD < 4%, at no load
Radio interference ..... Compliance with EN61000-6
Telephone interference ..... TIF < 50, THF < 2%
Overspeed limit ..... 2250 rpm
Insulation ..... Class H
Temperature rise ..... Within Class H limits
Available voltages ..... Switchable voltage output: 480/277 volt, 240/139 volt 3-phase to 240/120 volt single phase
Deration ..... Consult factory for available outputs
Ratings ..... At 30° C (86° F), 152.4 m (500 ft) 60% humidity, 0.8 pf

ENGINE

Manufacturer ..... Caterpillar
Model ..... C 4.4
Type 4-cycle
Aspiration ..... Turbocharged
Cylinder configuration ..... In-line 4
Displacement – L (cu in) 4.4 (269)
Bore – mm (in) 105 (4.13)
Stroke – mm (in) 127 (5.00)
Compression ratio 16.2:1
Governor
- Type ..... Electronic
- Class ..... ISO 8528 G1/G2

Piston speed – m/sec (ft/sec) 7.62 (25.0)
Engine speed – rpm 1800
Maximum power at rated rpm – kW (hp)
- Standby 72.8 (98.0)
- Prime 60.2 (89.0)

BMEP – kPa (psi)
- Standby 1103 (160.0)
- Prime 1003 (145.5)

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CONTROL PANEL

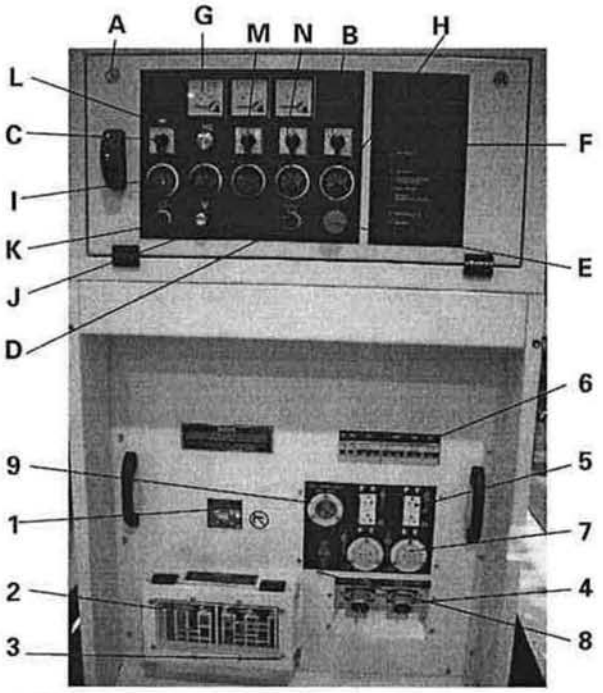
A NEMA 1 steel enclosure with hinged lockable door with viewing window.
B Manual run/off.
C Panel light ON/OFF switch.
D Separate pre-heat pushbutton.
E Red emergency stop pushbutton.
F Lamp test/reset pushbutton.
G AC instrumentation: 1-voltmeter, 1-ammeter, 1-frequency meter.
H Engine gauges for: oil pressure, coolant temperature, battery volts, fuel level.
I Fuel level display with momentary activation pushbutton.
J Hours run meter.
K Voltage adjust potentiometer.
L Frequency adjust potentiometer.
M 1 — 7 Position voltmeter phase selector switch.
N 1 — 4 Position ammeter phase selector switch.

OTHER FEATURES

- Shutdowns: high coolant temperature/low coolant level, low oil pressure, overcrank, overspeed.
- Low fuel level/fuel tank leak alarm.
- Printed circuit board control logic.
- Autostart standard.
- Cycle cranking with 3 adjustable time crank/rest periods.
- Battery charger, 5 Amp constant voltage, UL listed (optional).

DISTRIBUTION PANEL

1 1 — 3 Pole MCCB with solid neutral (4 Wire). UL/CSA listed with shunt trip. Integral trip unit for thermal and magnetic overload protection on MCCB.
2 Main bus connection studs enclosed with hinged transparent cover for easy access and operator safety.
3 Cover for bus studs includes safety lockout feature to keep unit from operating with door open.



4 2 — Single phase — California style Twistlocks, 50 Amps @ 208 Volt phase to phase, 120 Volt phase to neutral (adjustable to 240/139) or 240/120 single phase when operating in single phase voltage position.
5 2 — Single phase — GFCI Duplex receptacles, 20 Amps @ 120 Volts.***
6 Individual circuit breaker protection for receptacles. Also act as on/off switches.
7 2 — 3-phase NEMA locking receptacles, 20 Amps at 208/120V
8 Two wire remote start connection terminals.
9 1 — 30A, 125V single phase NEMA locking inlet receptacle

*** Receptacles not for use with unit operating at 480/277V or 240/139V 3 phase.

Model	Length mm (in)	Width mm (in)	Height mm (in)	Weight	
				With Lube Oil and Coolant kg (lb)	With Fuel, Lube Oil and Coolant kg (lb)
XQ60	2900 (114.2)	1130 (44.5)	1800 (70.9)	2010 (4431)	2575 (5677)
XQ60 with trailer	4650 (183.1)	1943 (76.5)	2163 (85.3)	2601 (5734)	3166 (6980)

RATING DEFINITIONS

Standby – Applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The generator on the generator set is peak prime rated (as defined in ISO8528-3) at 30° C (86° F).

Prime – Applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and the generator set can supply 10% overload power for 1 hour in 12 hours.

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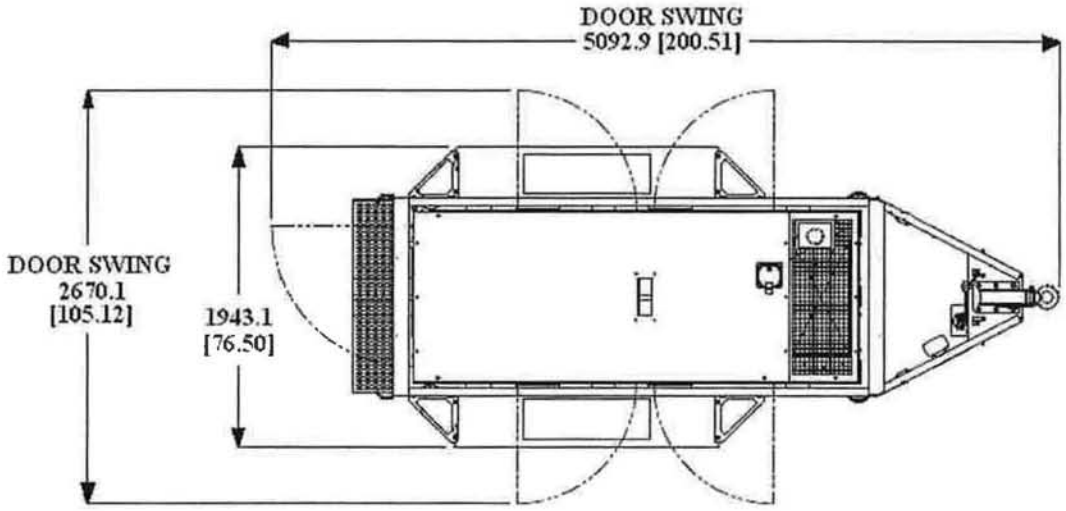
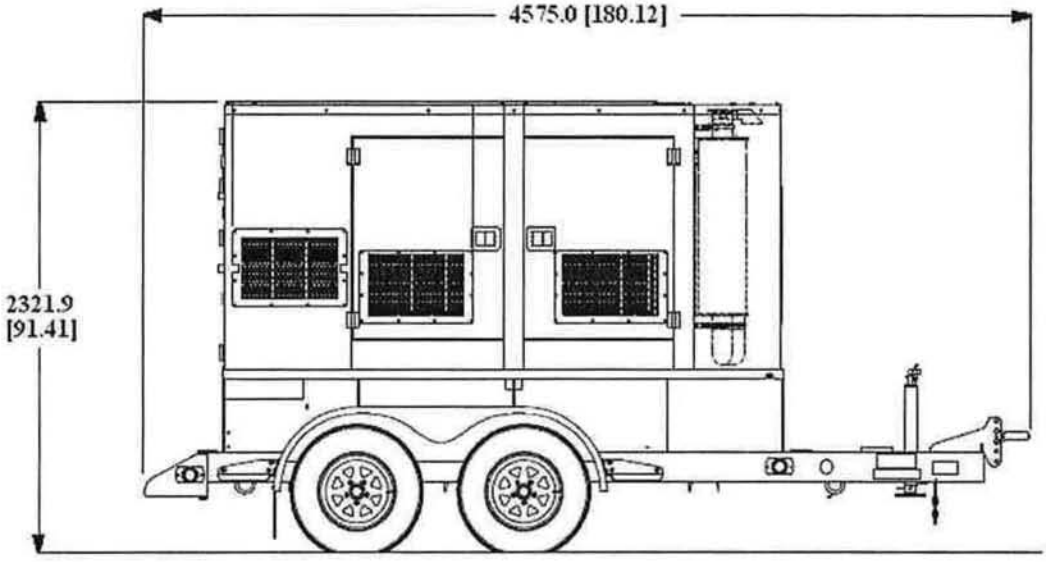
TOP VIEW



SIDE VIEW



Market: N. America

LEHE5174-03 (10-09)

www.Cat-ElectricPower.com

801 DEL NORTE BLVD.
OXNARD, CA 93030
P.O. BOX 5227
OXNARD, CA 93031

DATE: 04-18-11
PAGE 1 of 1

Attention: Rick Motley
Nipomo Community Services District
35148 S. Wilson Street
Nipomo, CA 93444
805-929-1341

QUOTATION NUMBER: AWA10668

PRICING ON NEW MQ POWER GENERATOR SET .....**$42,544.65 PLUS TAX**
(STANDARD SPECIFCATIONS)
MODEL: DCA70USI **TRAILER MOUNTED**
62 KW STANDBY RATING / 56 KW PRIME RATING

INCLUDES THE FOLLOWING OPTIONS:

A. TRAILER
B. BATTERY CHARGER
C. LOW COOLANT SHUT DOWN
D. EMERGENCY STOP BUTTON
E. COOLANT HEATER
F. SHOP PREP

PLEASE NOTE THE FOLLOWING ITEMS NOT INCLUDED IN SALE QUOTATION:

A. INSTALLATION BY OTHERS
B. START UP TEST NOT INCLUDED
C. PERMITS & DMV FEES
D. DELIVERY TO JOBSITE

SINCERELY,

ALLEN ABRAMOVITCH

Quinn Power Systems
Allen Abramovitch
Sales Representative
Cell: 805-431-3180
Fax: 805-983-1643
Office: 805-485-2171 Ext. 8706
801 Del Norte Blvd. Oxnard, CA 93030
aabramovitch@quinnpower.com

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DCA70SSI

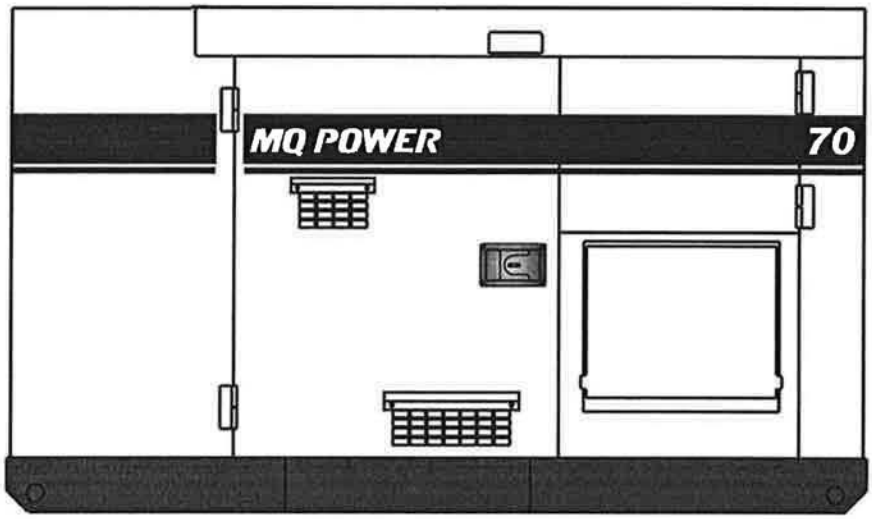
MQ POWER Series Generator

WhisperWatt™

Prime Rating — 56 kW (70 kVA)

Standby Rating — 62 kW (77 kVA)

Three-Phase, 60 Hertz, 0.8 PF



STANDARD FEATURES

- Heavy duty, 4-cycle, direct injection, diesel engine provides maximum reliability.
- Brushless alternator reduces service and maintenance requirements and meets temperature rise standards for Class H insulation systems.
- Open delta excitation design provides virtually unlimited excitation for maximum motor starting capability.
- Automatic voltage regulator (AVR) provides precise regulation.
- Electronic Governor Control (Crystal Sync) — maintains frequency to within ±0.25% from no load to full load.
- Full load acceptance of standby nameplate rating in one step (NFPA 110, para 5-13.2.6).
- Sound attenuated, weather resistant, steel housing provides operation at 68 dB(A) at 23 feet. Fully lockable enclosure allows safe unattended operation.
- Internal fuel tank with direct reading of fuel gauge.
- Seven stage powder coat paint system provides durability and weather protection.
- Fuel/water separator removes condensation from fuel for extended engine life. Panel mounted alarm light included.
- Complete engine analog instrumentation includes DC ammeter, oil pressure gauge, water temp. gauge, fuel level gauge, tachometer/hour meter, preheat indicator, emergency shutdown monitors.
- Automatic start/stop control — automatically starts the generator set during a commercial power failure when used in conjunction with a transfer switch.
- Complete generator analog instrumentation includes voltage regulator control, ammeter phase selector switch, voltmeter phase selector switch, AC voltmeter, AC ammeter, frequency meter, panel light, and circuit breaker.
- Automatic safety shutdown system monitors the water temperature, engine oil pressure, overspeed and overcrank. Warning lights indicate abnormal conditions.
- Complete power panel. Fully covered; three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. The GFCI receptacles are NEMA 5-20, and the auxilillary outputs use CS6369 twist-lock receptacles.
- Simultaneous single and three phase power.
- Voltage selector switch offers the operator a wide range of voltages that are manually selectable. Fine tuning of the output voltage can be accomplished by adjusting the voltage regulator control knob to obtain the desired voltage.
- EPA emissions certified - Interim Tier 3 emissions compliant.

DCA70SSI

MQ POWER Series Generator

SPECIFICATIONS

Generator Specifications		
Design	Revolving field, self-ventilated Drip-proof, single bearing	
Armature Connection	Star with Neutral	Zig Zag
Phase	3	Single
Standby Output	62 KW (77 KVA)	44 KW
Prime Output	56 KW (70 KVA)	40 KW
3Ø Voltage (L-L/L-N) Voltage Selector Switch at 3Ø 240/139	208Y/120, 220Y/127, 240Y/139	N/A
3Ø Voltage (L-L/L-N) Voltage Selector Switch at 3Ø 480/277	416Y/240, 440Y/254, 480Y/277	N/A
1Ø Voltage (L-L/L-N) (Voltage Selector Switch at 1Ø 240/120)	N/A	240/120
Power Factor	0.8	1.0
Voltage Regulation (No load to full load)	±0.5%	
Generator RPM	1800	
Frequency	60 Hz	
No. of Poles	4	
Excitation	Brushless with AVR	
Frequency	60 Hz	
Frequency Regulation: No Load to Full Load	Isochronous under varying loads from no load to 100% rated load	
Frequency Regulation: Steady State	±0.25% of mean value for constant loads from no load to full load.	
Insulation	Class H	
Sound Level dB(A) Full load at 23 feet	68	

Engine Specifications	
Make / Model	Isuzu / BJ-4JJ1X
Emissions	EPA Interim Tier 3 Certified
Starting System	Electric
Design	4-cycle, water cooled, direct injection, turbocharged
Displacement	183.0 in³ (2999 cc)
No. cylinders	4
Bore x Stroke (mm)	95.4 x 104.9
Gross Engine Power Output	97.9 bhp (50 kW)
BMEP	204 psi (1409 kPa)
Piston Speed	1237 ft./min. (6.29 m/s)
Compression Ratio	17.5:1
Engine Speed	1800 rpm
Overspeed Limit	2100 rpm
Oil Capacity	3.96 gallons (15 liters)
Battery	12V 72Ah x 1

Fuel System		
Recommended Fuel	ASTM-D975-No.1 & No.2-D	
Maximum Fuel Flow (per hour)	16 gallons (61 liters)	
Maximum Inlet Restriction (Hg)	5.9 in. (150 mm)	
Fuel Tank Capacity	39.6 gallons (150 liters)	
Fuel Consumption	**gph**	**lph**
At full load	4.1	15.4
At 3/4 load	3.1	11.9
At 1/2 load	2.2	8.4
At 1/4 load	1.4	5.2

Cooling System	
Fan Load	2.8 hp (2.1 kW)
Coolant Capacity (with radiator)	3.09 gallons (11.7 liters)
Coolant Flow Rate (per minute)	15.4 gallons (58.5 liters)
Heat Rejection to Coolant (per minute)	2260 Btu (2.38 MJ)
Heat Rejection to Room (per minute)	578 Btu (0.61 MJ)
Maximum Coolant Friction Head	6.1 psi (42 kPa)
Maximum Coolant Static Head	21 feet (6.4 meters)
Ambient Temperature Rating	104°F (40°C)

Air	
Combustion Air	138 cfm (3.9 m³/min)
Maximum Air Cleaner Restriction	25 in. H_2O (6.25 kPa)
Alternator Cooling Air	526 cfm (14.9 m³/min)
Radiator Cooling Air	3240 cfm (91.8 m³/min)

Exhaust System	
Gas Flow (full load)	332 cfm (9.4 m³/min)
Gas Temperature	932°F (500°C)
Maximum Back Pressure	53.2 in. H_2O (13.3 kPa)

Amperage	
Rated Voltage	**Maximum Amps**
1Ø 120 Volt	155.4 Amps (4 wire) 168A x 2 (Zigzag)
1Ø 240 Volt	77.8 Amps (4 wire) 168A (Zigzag)
3Ø 240 Volt	168 Amps
3Ø 480 Volt	84 Amps
Main Line Circuit Breaker Rating	175 Amps
Over Current Relay Trip Set Point 480V Mode Only	84 Amps

WARRANTY*

Isuzu Engine

12 months from date of purchase with unlimited hours or 24 months from date of purchase with 2000 hours (whichever comes first).

Generator

24 months from date of purchase or 2000 hours (whichever occurs first).

Trailer

12 months excluding normal wear items.

*Refer to the express written, one-year limited warranty sheet for additional information.

NOTICE

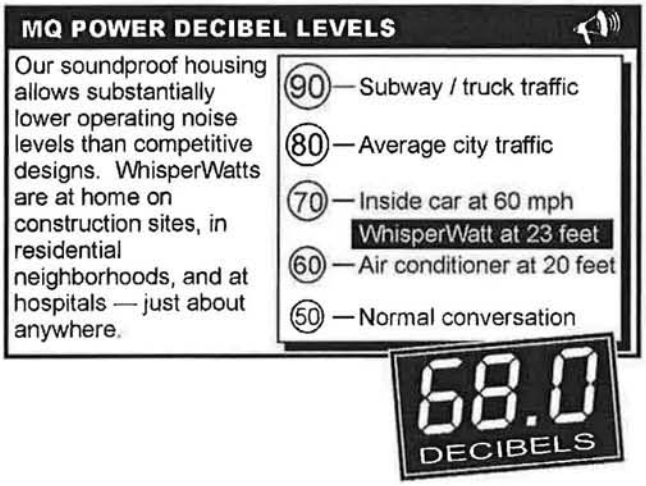
Generator is not intended for use in enclosed areas or where free flow of air is restricted.

Backfeed to a utility system can cause electrocution, shock and/or property damage. **DO NOT** connect to any building's electrical system except through an approved device.

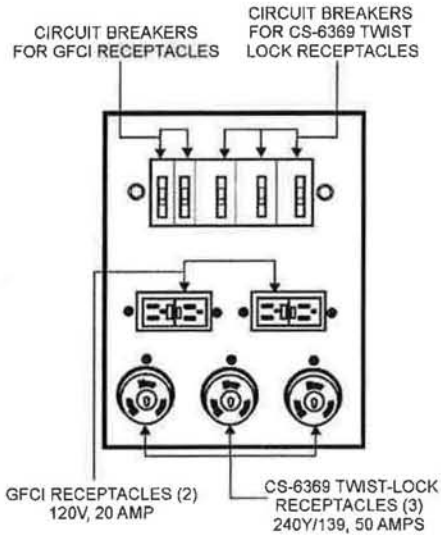
Specifications are subject to change without notice.

DCA70SSI

MQ POWER Series Generator



GENERATOR OUTPUT PANEL



OPTIONAL GENERATOR FEATURES

- **Battery Charger** — provides fully automatic and self-adjusting charging to the generator's battery system.
- **Jacket Water Heater** — for easy starting in cold weather climates.
- **Special Batteries** — long life batteries provide extra engine cranking power.
- **Low Coolant Level Shutdown** — provides protection from critically low coolant levels. Includes control panel warning light.
- **Spring Isolaters** — provides extra vibration protection for standby applications.
- **Trailer Mounted Package** — meets National Highway Traffic Safety Administration (NHTSA) regulations. Trailer is equipped with electronic or surge brakes with double or triple axle configuration.

OPTIONAL CONTROL FEATURES

- **Emergency Stop Switch** — when manually activated shuts down generator in the event of an emergency.

OPTIONAL FUEL CELL FEATURES

- **Trailer fuel tank** — a second fuel cell located in the trailer allows for extended run time.
- **Subbase fuel cells (single wall)** — additional fuel cell for extended runtime operation.
  - 12 hours of minimum run time.
  - 24 hours of minimum run time.
- **Subbase fuel cells (double wall)** — additional fuel cell for extended runtime operation. Contains a leak sensor, low fuel level switch, and a secondary containment tank. UL142 listed.
  - 12 hours of minimum run time.
  - 24 hours of minimum run time.
- **Audible alarm** — alerts operator of abnormal conditions

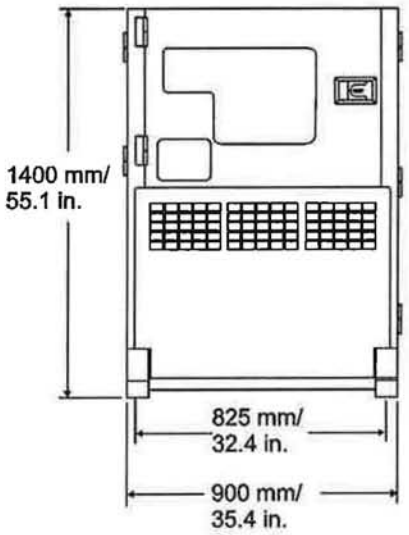
OPTIONAL OUTPUT CONNECTIONS

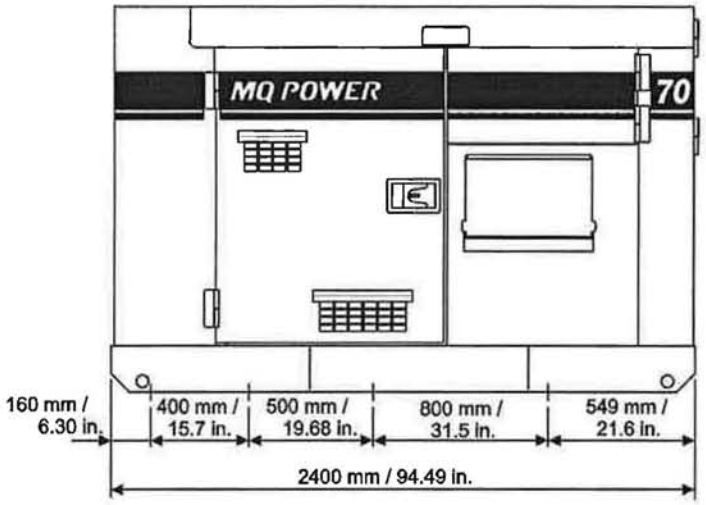
- **Cam-Lok Connectors** — provides quick disconnect alternative to bolt-on connectors.
- **Pin and Sleeve Connectors** — provides industry standard connectors for all voltage requirements.
- **Output Cable** — Type G, Type W

DCA70SSI

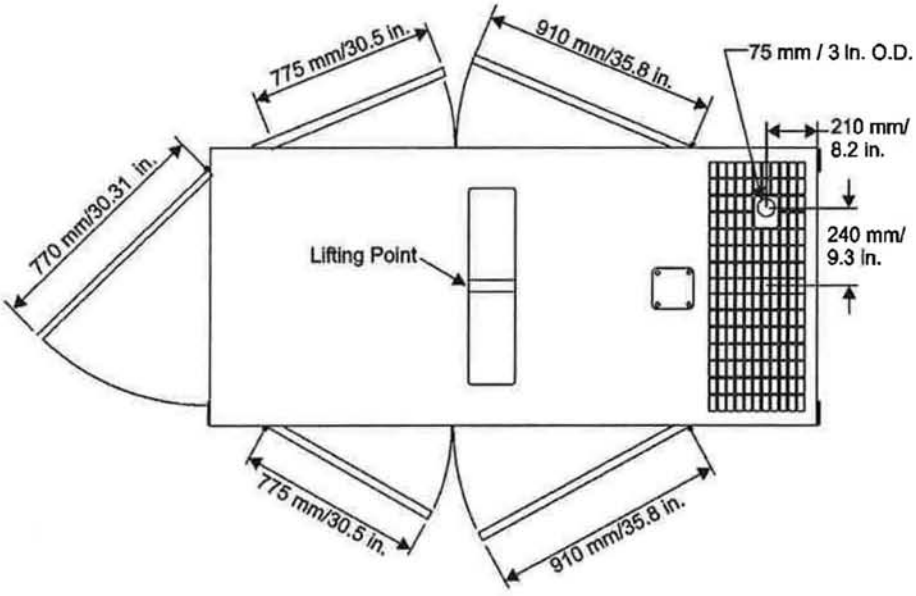
MQ POWER Series Generator

DIMENSIONS





Weight	
Dry Weight	2,701 lbs. (1,225 kg)
Wet Weight	3,035 lbs. (1,376 kg)
Max. Lifting Point Capacity	5,150 lbs. (2,335 kg)



Generator can be placed on a MQ Power Model TRLR70XF Tandem Axle Trailer

Manufactured by Denyo Co.

Your Multiquip dealer is:

DCA70SSIU2 Rev. #7 (01/31/11)

MULTIQUIP
POST OFFICE BOX 6254
CARSON, CA 90749
310-537-3700 • 800-883-2551
FAX: 310-604-3831
E-MAIL: sales@multiquip.com
WEBSITE: www.multiquip.com

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SAN LUIS
POWERHOUSE

798 Francis Avenue, San Luis Obispo, CA 93401
805.543.4643 Fax 805.543.4673

Equipment Sales quotation

Date: April 12, 2011

To: Nipomo Community Service District

Attn:

Subject: generator quote

Message: Please find below the price quotation you requested.

2-	**60 KW Onan trailer mounted housed gen.**	**$61,550.00**

***These prices do not include state sales tax. Freight is included to job site.**

Thank you
By: Russ Kimmell

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Control system

PowerCommand control

- Integrated automatic voltage regulator and engine speed governor
- Control components designed to withstand the vibration levels typical in generator sets

Standard control description

- Analog AC frequency meter
- Analog AC voltage meter
- Cycle cranking control
- Digital display panel
- Idle mode control
- Menu switch
- Panel backlighting
- Remote starting, 12 V, 2 wire
- Reset switch
- Run-off-auto switch
- Sealed front panel, gasketed door
- Self diagnostics
- Voltmeter/ammeter phase selector switch

Standard performance data warnings

- High coolant temperature
- High DC voltage
- Low coolant temperature
- Low DC voltage
- Low oil pressure
- Over current
- Weak battery
- Over speed
- Under frequency
- Intake manifold temperature OOR high/low
- Intake manifold temperature high
- Water in fuel OORH/OORL
- General engine fault
- Coolant level OOR high/low

Standard protection functions

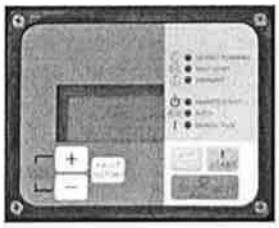
- Voltmeter/ammeter phase selector
- Warnings
- High coolant temperature
- High DC voltage
- Low coolant temperature
- Low DC voltage
- Low oil pressure
- Over current
- Weak battery

Shutdowns

- Emergency stop local/remote
- Fail to crank
- High AC voltage
- High coolant temperature
- Low coolant level
- Low AC voltage
- Low oil pressure
- Over current
- Over speed
- Under frequency
- Intake manifold temperature high
- Fail to start/stop
- Over frequency
- Alternator reconnecting switch operated (breaker closed)

Agency approvals

- NFPA110 for Levels 1 or 2 systems
- ISO 8528-4: 1993 Compliance, Controls and Switchgear
- CE Marking
- EN 50081-1, 2 Residential/Light Industrial Emissions or Industrial Emissions
- EN 50082-1.2
- ISO 7637-2, Level 2: DC supply surge test
- Mil Std 202C, Method 101 and ASTM B117: Salt Fog Test
- Designed and manufactured in ISO 9001 certified facilities. Suitable for use on generator sets that are UL 2200 Listed



Standard generator electrical features

- Multiple voltage selector switch (480/277 VAC/3 phase or 240/139 VAC/3 phase or 240/120 VAC/1 phase)
- Potentiometer adjustable to 208/120 VAC/3 phase
- Single phase convenience receptacles
- Voltage adjustment potentiometer
- Distribution panel with L1, L2, L3 neutral and ground
- Main line shunt trip type circuit breaker
- Auto start-stop with remote contacts
- Over current sensing
- 3 available auxiliary connections

Rental package options

- Heavy duty jack stand – center mounted
- Immersion style coolant heater
- Tank style coolant heater
- Low coolant shutdown system (standard on 300 kW)
- Phase selector switch on control panel
- Battery disconnect switch
- Cam lock distribution panel
- 110 Volt, 3.5 Amp Sens battery charger
- Base mount generator – no trailer
- 600 Volt/480 Volt switchable

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S-1540d (1/09)

Power Generation

Engine specifications

Engine model	QSB5-G1
Alternator data sheet	UCI224F (208/480), UCI224G (480/600 switchable)
Engine data sheet	DS-92202
Tier rating	Tier III
Design	4 cycle, In-Line, turbocharged and charge air cooled
Bore	107 mm (4.21 in.)
Stroke	124 mm (4.88 in.)
Displacement	4.5 liters (272 in^3)
Cylinder block	Cast iron, In-Line 4 cylinder
Battery capacity	1000 cca, GR31
Battery charging alternator	100 amps
Starting voltage	12 volt, negative ground
Fuel system	Direct injection: number 2-D per ASTM D975 diesel fuel
Fuel filter	2-stage spin on fuel filter with water separator
Air cleaner type	2-stage, dry replaceable element with dust ejector
Lube oil filter type(s)	Single spin-on, full flow
Standard cooling system	122° F (50° C) ambient radiator

Alternator specifications

Design	Brushless, 4 pole, drip proof revolving field
Stator	2/3 pitch
Rotor	Single bearing flexible disc
Insulation system	Class F per NEMA MG1-1.65
Standard temperature rise	95/50° C prime
Exciter type	PMG (Permanent Magnet Generator)
Phase rotation	A (U), B (V), C (W)
Alternator cooling	Direct drive centrifugal blower fan
AC waveform total harmonic distortion	< 1.5% no load, < 5% non-distorting balanced linear load
Telephone influence factor (TIF)	< 50 per NEMA MG1-22.43
Telephone harmonic factor (THF)	< 2%

Power capability specifications (Assume power factor = 0.80 for 3 phase amps)

	Standby rating			
	240 V, 1 phase Amps	208 V, 3 phase Amps	480 V, 3 phase Amps	600 V, 3 phase Amps
C60D6RT	175	208	90	72

Electrical power panel specifications

Model voltage	120 V duplex receptacles	240 V twist	Load lug connection (stud diameter)	Load lug circuit breakers
120/480 Volt	2 - 20 Amp	3 - 50 Amp	1/2 inch	225 Amp
480/600 Volt switchable	0	0	1/2 inch	110 Amp

Site derating factors

The unit may be operated at 1800 rpm up to 3300 ft (1005 m) and 122° F (50° C) without power deration. For sustained operation above these conditions, derate by 3 % per 1650 ft (500 m), and 22% per 10° C (18° F).

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S-1540d (1/09)

Power Generation

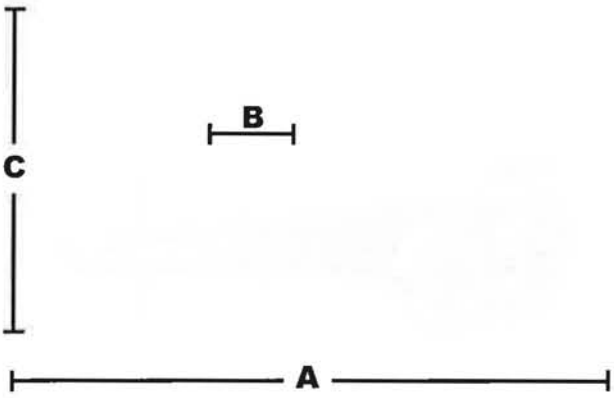
Ratings definitions

Standby:

Applicable for supplying emergency power for the duration of normal power interruption. No sustained overload capability is available for this rating. (Equivalent to Fuel Stop Power in accordance with ISO3046, AS2789, DIN6271 and BS5514). Nominally rated.

Prime (unlimited running time):

Applicable for supplying power in lieu of commercially purchased power. Prime power is the maximum power available at a variable load for an unlimited number of hours. A 10% overload capability is available for limited time. (Equivalent to Prime Power in accordance with ISO8528 and Overload Power in accordance with ISO3046, AS2789, DIN6271, and BS5514).



Dimensions

Model	Dim "A" mm (in.)	Dim "B" mm (in.)	Dim "C" mm (in.)	Weight w/o fuel kg (lbs)	Weight with fuel kg (lbs)	Fuel capacity liters (gal)
C60D6RT	**2794** (110)	**1194** (47)	**1626** (64)	**2445** (5390)	**3076** (6783)	**606** (160)
With trailer	**4343** (171)	**1905** (75)	**2083** (82)	**3124** (6887)	**3755** (8279)	**606** (160)

Specifications

Model	KW rating		Sound level	Tier rating	Hours of operation (75% load)	
	Standby	Prime	dB(A) @ 7 m	Standby	Standby	Prime
C60D6RT	60	55	70	Tier III	34	39

Fuel consumption

60 Hz Ratings, kW (kVA)		Standby 60 (75)				Prime 55 (68)			
	Load	¼	½	¾	Full	¼	½	¾	Full
	Gal/hr	2	3	4.6	5.8	1.9	2.3	4.1	5
	L/hr	7.6	11.4	17.4	22	7.2	8.7	15.5	18.9

Trailer information

Model	Tire size	Tire type	Load range	Number of tires per trailer	Lug pattern	Wheel brand
C60D6RT	225/75-R15	Radial	D	4	6 on 5.5" bolt	Karrier

Cummins Power Generation
1400 73rd Avenue N.E.
Minneapolis, MN 55432 USA
Telephone: 763 574 5000
USA Toll-free: 877 769 7669
Fax: 763 574 5298

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S-1540d (1/09)

Power Generation

Rental Power
60 kW

> Specification sheet

Our energy working for you.™

Cummins Power Generation

Description

This Cummins Power Generation rental package is a fully integrated mobile power generation system, providing optimum performance, reliability and versatility for standby and prime power applications.

Features

Cummins diesel engines

- U.S. EPA Tier III compliant
- Rugged 4-cycle industrial diesel engine with excellent transient performance
- Lightweight, compact and excellent fuel economy
- 2-stage spin on fuel filter w/pre-filter water separator with drain
- Equipped with heavy duty, 2-stage air cleaners with dust ejector

Control features

- The most advanced, reliable and capable generator set control system on the market today
- Controls provide precise frequency and voltage regulation, alarm and status message display in one easy to operate customer interface
- Remote monitoring and operation ready
- Auto shutdown at fault detection

Engine controls

- Oil Pressure and Water Temp Gauge
- Fuel Level Gauge & Battery Voltage Gauge
- Hour meter

Stamford alternators

- 12-lead reconnectable alternators fitted with voltage selection switch
- Permanent magnet excitation for improved performance in non-linear load applications

Rental package enclosure

- Heavy duty trailer package with pintle hitch and electric or hydraulic brakes
- Sound attenuated, white powder coated lockable enclosure
- 32 hour fuel tank (100% prime) with gauge
- Roof mounted, single point lift
- Cooling system rated for 120° F (50° C) ambient
- Complete engine fluid containment reservoir
- DOT approved trailer with light package, replaceable fenders and jack stand
- Voltage selector switch
- Shore power (120 VAC) - No breakers in shore power connection. Shore power loads are coolant heater (option) and battery charger (option). Connection: 15A/120V flanged male receptacle (5-20 flanged inlet).

		Standby rating		Prime rating			
Model	**Voltages (V)**	**60 Hz kW** (kVA)	**50 Hz kW** (kVA)	**60 Hz kW** (kVA)	**50 Hz kW** (kVA)	**Engine model**	**Alternator model**
C60D6RT	**208/480**	**60** (75)		**55** (68)		QSB5-G1	UCI224F
	480/600 switchable	**60** (75)		**55** (68)		QSB5-G1	UCI224G

S-1540d (1/09)

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TO: BOARD OF DIRECTORS

FROM: MICHAEL LEBRUN M&L
INTERIM GENERAL MANAGER

DATE: MAY 6, 2011

AGENDA ITEM
E-3

MAY 11, 2011

ADOPT RESOLUTION OF INTENTION TO ESTABLISH CALPERS TIER II RETIREMENT

ITEM

Adopt Resolution of Intention to establish CalPERS Tier II Retirement for New Employees

BACKGROUND

On March 23, 2011, the Board of Directors approved, in concept, the creation of a new second tier CalPERS retirement plan for newly hired District employees. The Board of Directors agreed to the following:

CalPERS BENEFIT	CURRENT EMPLOYEES (TIER I)	NEWLY HIRED (TIER II)
Retirement Formula	3% @ 60, 1 Year Final Compensation	3% @ 60, 3 Year Final Average Compensation
Employer Paid Member Contribution (EMPC)	District pays 100% of EMPC (8%)	Employee pays 100% of EMPC (8%)

The District will incur a savings of 8.673% of reportable earnings on Tier II employees as a result of this amendment.

After the amendment, the District contribution rate will be 13.194% of reportable earnings for local miscellaneous members entering membership for the first time in the miscellaneous classification after the effective date of this amendment to contract (Tier II). The District contribution for its current employees is 18.015% of reportable earnings (Tier I).

CalPERS requires a Resolution of Intention be adopted to initiate the change (copy attached). The Resolution was provided to the District by CalPERS. CalPERS does not allow modifications to the language. The Resolution to approve the contract amendment will be considered by the Board of Directors at the June 8, 2011 Board Meeting.

RECOMMENDATION

It is recommended that the Board adopt the Resolution of Intention and direct Staff to forward the Resolution to CalPERS.

ATTACHMENTS

- Resolution of Intention

RESOLUTION OF INTENTION

TO APPROVE AN AMENDMENT TO CONTRACT

BETWEEN THE

BOARD OF ADMINISTRATION
CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

AND THE

BOARD OF DIRECTORS
NIPOMO COMMUNITY SERVICES DISTRICT

WHEREAS, the Public Employees' Retirement Law permits the participation of public agencies and their employees in the Public Employees' Retirement System by the execution of a contract, and sets forth the procedure by which said public agencies may elect to subject themselves and their employees to amendments to said Law; and

WHEREAS, one of the steps in the procedures to amend this contract is the adoption by the governing body of the public agency of a resolution giving notice of its intention to approve an amendment to said contract, which resolution shall contain a summary of the change proposed in said contract; and

WHEREAS, the following is a statement of the proposed change:

> To provide Section 20475 (Different Level of Benefits). Section 20037 (Three-Years Final Compensation) is applicable to local miscellaneous members entering membership for the first time in the miscellaneous classification after the effective date of this amendment to contract.

NOW, THEREFORE, BE IT RESOLVED that the governing body of the above agency does hereby give notice of intention to approve an amendment to the contract between said public agency and the Board of Administration of the Public Employees' Retirement System, a copy of said amendment being attached hereto, as an "Exhibit" and by this reference made a part hereof.

By:_____
Presiding Officer

_____
Title

_____
Date adopted and approved

CalPERS

EXHIBIT

California
Public Employees' Retirement System

AMENDMENT TO CONTRACT

Between the
Board of Administration
California Public Employees' Retirement System
and the
Board of Directors
Nipomo Community Services District

The Board of Administration, California Public Employees' Retirement System, hereinafter referred to as Board, and the governing body of the above public agency, hereinafter referred to as Public Agency, having entered into a contract effective October 1, 1975, and witnessed August 13, 1975, and as amended effective April 22, 1999, May 1, 2000, April 5, 2001 and June 29, 2002 which provides for participation of Public Agency in said System, Board and Public Agency hereby agree as follows:

A. Paragraphs 1 through 12 are hereby stricken from said contract as executed effective June 29, 2002, and hereby replaced by the following paragraphs numbered 1 through 13 inclusive:

1. All words and terms used herein which are defined in the Public Employees' Retirement Law shall have the meaning as defined therein unless otherwise specifically provided. "Normal retirement age" shall mean age 60 for local miscellaneous members.

2. Public Agency shall participate in the Public Employees' Retirement System from and after October 1, 1975 making its employees as hereinafter provided, members of said System subject to all provisions of the Public Employees' Retirement Law except such as apply only on election of a contracting agency and are not provided for herein and to all amendments to said Law hereafter enacted except those, which by express provisions thereof, apply only on the election of a contracting agency.

3. Public Agency agrees to indemnify, defend and hold harmless the California Public Employees' Retirement System (CalPERS) and its trustees, agents and employees, the CalPERS Board of Administration, and the California Public Employees' Retirement Fund from any claims, demands, actions, losses, liabilities, damages, judgments, expenses and costs, including but not limited to interest, penalties and attorneys fees that may arise as a result of any of the following:

   (a) Public Agency's election to provide retirement benefits, provisions or formulas under this Contract that are different than the retirement benefits, provisions or formulas provided under the Public Agency's prior non-CalPERS retirement program.

   (b) Public Agency's election to amend this Contract to provide retirement benefits, provisions or formulas that are different than existing retirement benefits, provisions or formulas.

   (c) Public Agency's agreement with a third party other than CalPERS to provide retirement benefits, provisions, or formulas that are different than the retirement benefits, provisions or formulas provided under this Contract and provided for under the California Public Employees' Retirement Law.

   (d) Public Agency's election to file for bankruptcy under Chapter 9 (commencing with section 901) of Title 11 of the United States Bankruptcy Code and/or Public Agency's election to reject this Contract with the CalPERS Board of Administration pursuant to section 365, of Title 11, of the United States Bankruptcy Code or any similar provision of law.

   (e) Public Agency's election to assign this Contract without the prior written consent of the CalPERS' Board of Administration.

(f) The termination of this Contract either voluntarily by request of Public Agency or involuntarily pursuant to the Public Employees' Retirement Law.

(g) Changes sponsored by Public Agency in existing retirement benefits, provisions or formulas made as a result of amendments, additions or deletions to California statute or to the California Constitution.

4. Employees of Public Agency in the following classes shall become members of said Retirement System except such in each such class as are excluded by law or this agreement:

a. Employees other than local safety members (herein referred to as local miscellaneous members).

5. In addition to the classes of employees excluded from membership by said Retirement Law, the following classes of employees shall not become members of said Retirement System:

a. SAFETY EMPLOYEES.

6. The percentage of final compensation to be provided for each year of credited prior and current service as a local miscellaneous member in employment before and not on or after June 29, 2002 shall be determined in accordance with Section 21354 of said Retirement Law (2% at age 55 Full).

7. The percentage of final compensation to be provided for each year of credited prior and current service as a local miscellaneous member in employment on or after June 29, 2002 shall be determined in accordance with Section 21354.3 of said Retirement Law (3% at age 60 Full).

8. Public Agency elected and elects to be subject to the following optional provisions:

a. Section 20965 (Credit for Unused Sick Leave).

b. Sections 21624, 21626 and 21628 (Post-Retirement Survivor Allowance).

c. Section 21574 (Fourth Level of 1959 Survivor Benefits).

d. Section 20042 (One Year Final Compensation) for local miscellaneous members entering membership on or prior to the effective date of this amendment to contract.

e. Section 20475 (Different Level of Benefits). Section 20037 (Three-Year Final Compensation) is applicable to local miscellaneous members entering membership for the first time in the miscellaneous classification after the effective date of this amendment to contract.

9. Public Agency, in accordance with Government Code Section 20834, shall not be considered an "employer" for purposes of the Public Employees' Retirement Law. Contributions of the Public Agency shall be fixed and determined as provided in Government Code Section 20834, and such contributions hereafter made shall be held by the Board as provided in Government Code Section 20834.

10. Public Agency shall contribute to said Retirement System the contributions determined by actuarial valuations of prior and future service liability with respect to local miscellaneous members of said Retirement System.

11. Public Agency shall also contribute to said Retirement System as follows:

a. Contributions required per covered member on account of the 1959 Survivor Benefits provided under Section 21574 of said Retirement Law. (Subject to annual change.) In addition, all assets and liabilities of Public Agency and its employees shall be pooled in a single account, based on term insurance rates, for survivors of all local miscellaneous members.

b. A reasonable amount, as fixed by the Board, payable in one installment within 60 days of date of contract to cover the costs of administering said System as it affects the employees of Public Agency, not including the costs of special valuations or of the periodic investigation and valuations required by law.

c. A reasonable amount, as fixed by the Board, payable in one installment as the occasions arise, to cover the costs of special valuations on account of employees of Public Agency, and costs of the periodic investigation and valuations required by law.

12. Contributions required of Public Agency and its employees shall be subject to adjustment by Board on account of amendments to the Public Employees' Retirement Law, and on account of the experience under the Retirement System as determined by the periodic investigation and valuation required by said Retirement Law.

13. Contributions required of Public Agency and its employees shall be paid by Public Agency to the Retirement System within fifteen days after the end of the period to which said contributions refer or as may be prescribed by Board regulation. If more or less than the correct amount of contributions is paid for any period, proper adjustment shall be made in connection with subsequent remittances. Adjustments on account of errors in contributions required of any employee may be made by direct payments between the employee and the Board.

B. This amendment shall be effective on the _____ day of _____, _____.

BOARD OF ADMINISTRATION
PUBLIC EMPLOYEES' RETIREMENT SYSTEM

BY_____
LORI MCGARTLAND, CHIEF
EMPLOYER SERVICES DIVISION
PUBLIC EMPLOYEES' RETIREMENT SYSTEM

BOARD OF DIRECTORS
NIPOMO COMMUNITY SERVICES
DISTRICT

BY_____
PRESIDING OFFICER

_____
Witness Date

Attest:

_____
Clerk