

1.8 MW New Cummins QSK60G4 Diesel Generator Set



Harnessing Energy for Life



Description & Additional Notes

EXCLUSIVELY FROM USP&E!

USP&E is selling 1.8 MW New Cummins QSK60G4 Diesel Generator Set

Units available:

Type 4 cycle, Turbocharged, After-cooled

Bore mm 159

Stroke mm 190

Displacement Litre 60.2

Cylinder Block Cast iron, 16 cylinder

Battery Charging Alternator 55A

Starting Voltage 24V

Fuel System Direct injection Cummins HPI

Fuel Filter Spin on fuel filters with water separator

Lube Oil Filter Type(s) Spin on full flow filter

Lube Oil Capacity (l) 280

Flywheel Dimensions SAE 0

****Note that price is per unit**

Images may be representative, and actuals can be supplied upon request.

USP&E offers complete turnkey design, installation, EPC and O&M services with PERFORMANCE GUARANTEES anywhere in the world (sanctioned countries only).

USP&E offers full warranty and guarantees on our EPC and O&M projects and couples this with our own proprietary power plant optimization software tool called SMARTpower.

SMARTpower offers predictive analytics and real-time reporting, spares control, and KPI management all in an elegant dashboard annunciated to your handheld.

With onboard predictive analytics powered by machine learning and advanced a.i., SMARTpower saves our clients millions of dollars per year in fuel and spares costs while optimizing asset life.

We look forward to working with you! Call or email us today at info@uspeglobal.com



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Description & Additional Notes

Description

The QSK60 is a V 16 cylinder engine with a 60 litre displacement. This Quantum series utilizes sophisticated electronics and premium engineering to provide outstanding performance levels, reliability and versatility for Standby, Prime and Continuous Power applications.



This engine has been built to comply with CE certification.



This engine has been designed in facilities certified to ISO9001 and manufactured in facilities certified to ISO9001 or ISO9002.

Features

Cummins High Pressure Injection (HPI) PT full authority electronic fuel system. The HPI PT fuel system is managed by a G-Drive Governor Control System (GCS) controller, which is provided for off-engine mounting in the genset control panel. The Quantum Control has a specific fuel system board to interface with the HPI-PT fuel system and provides an Engine Protection package giving greater customer flexibility and cost effective alternatives in the control design and the benefits of Full Authority electronic control.

CTT (Cummins Turbo Technologies) HX82/HX83 turbo-charging utilizes exhaust energy with greater efficiency for improved emissions and fuel consumption.

Low Temperature After-cooling - Two-pump Two-loop (2P2L)

Ferrous Cast Ductile Iron (FCD) Pistons - High strength design delivers superior durability.

G-Drive Integrated Design - Each component has been specifically developed and rigorously tested for G-Drive products, ensuring high performance, durability and reliability.

Service and Support - G-Drive products are backed by an uncompromising level of technical support and after sales service, delivered through a world class service network.

Coolpac Integrated Design - Products are supplied complete with cooling package and air cleaner kit for a complete power package. Each component has been specifically developed and rigorously tested for G-Drive products, ensuring high performance, durability and reliability.

1500 rpm (50 Hz Ratings)

Gross Engine Output			Net Engine Output			Typical Generator Set Output					
Standby	Prime	Base	Standby	Prime	Base	Standby (ESP)		Prime (PRP)		Base (COP)	
kWm/BHP			kWm/BHP			kWe	kVA	kWe	kVA	kWe	kVA
1915/2567	1730/2319	1415/1897	1861/2345	1686/2273	1380/1851	1800	2250	1635	2045	1325	1650



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Description & Additional Notes

General Engine Data

Type	4 cycle, Turbocharged, After-cooled
Bore mm	159
Stroke mm	190
Displacement Litre	60.2
Cylinder Block	Cast iron, 16 cylinder
Battery Charging Alternator	55A
Starting Voltage	24V
Fuel System	Direct Injection Cummins HPI
Fuel Filter	Spin on fuel filters with water separator
Lube Oil Filter Type(s)	Spin on full flow filter
Lube Oil Capacity (l)	280
Flywheel Dimensions	SAE 0

Coolpac Performance Data

Cooling System Design	2 pump - 2 loop
Coolant Ratio	50% ethylene glycol; 50% water
Coolant Capacity (l)	242.0
Limiting Ambient Temp.**	54.9
Fan Power	45.0
Cooling System Air Flow (m ³ /s)**	29.6
Air Cleaner Type	Dry replaceable element with restriction indicator

** @ 13 mm H₂O

Weight & Dimensions

Length	Width	Height	Weight (dry)
mm	mm	mm	kg
4123	2494	3296	9685

Fuel Consumption 1500 (50 Hz)

%	kWm	BHP	L/ph	US gal/ph
Standby Power				
100	1915	2567	437	115.3
Prime Power				
100	1730	2319	394	103.9
75	1298	1739	291	76.9
50	865	1160	200	52.7
25	433	580	114	30.1
Continuous Power				
100	1415	1897	320	84.4

Ratings Definitions

Emergency Standby Power (ESP):

Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528, Fuel Stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Limited-Time Running Power (LTP):

Applicable for supplying power to a constant electrical load for limited hours. Limited-Time Running Power (LTP) is in accordance with ISO 8528.

Prime Power (PRP):

Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Base Load (Continuous) Power (COP):

Applicable for supplying power continuously to a constant electrical load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN6271 and

Specifications



Manufacturer	Cummins
Model	QSK60G4
Year	
Condition	used
Location	Europe
Price	\$480,000.00
Category	Diesel Generators
Subcategories	•1 - 9 MW
Stock Number	USP010068
Wattage	1.8 MW
Hours	New
Frequency	50 Hz
Fuel type	Diesel
Voltage	415v
Balance of Plant Available? (BOP)	-

Asset Images



- Images may be representative, and actuals can be supplied upon request.



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