



ENGINE

Manufacturer	Cummins
Engine Model	QSK60 Mark 1
Configuration	V16
Displacement, L (cu.in)	60.3 (3683)
Aspiration	Turbocharged (2)
Compression ratio	11.4:1

POWER AND EFFICIENCY @ 60 HZ

Electric Power – kW 1100	Electric Efficiency 36.1%
Heat Power – kW 1156	Heat Efficiency 36.9%
Input Power – kW 3100	Total Efficiency 73%
Duty	Continuous
Power Factor	0.8
Phase	3
Wires	4
RPM	1800
Voltage	416/480

- Sound attenuated dual stacked ISO 20 Foot Containers
- Internal and external emergency stop button
- 50mm Rock Wool insulation with perforated cover
- Multi fan vertical discharge radiator
- ComAp Intellivision 12" touch controls
- Murphy lubricating Oil Make Up system
- Stainless steel exhaust
- CSA approved gas train & control cabinet
- Fully integrated Plug and Play
- No extra foundations required for installation
- Easy Service Accessibility
- Cummins North America wide parts & service

CSA CONTROL CABINET

Generator Controller	ComAp Intellivision 12" touch
Electrical Control Cabinet	Integrated, IP54, CSA Approved
Breaker	Merlin Gerin nw25 (2500 amp)



CONFIGURED ENCLOSURE DETAILS

1100kw Island	1300kw Grid Parallel
Container Painting	Light Grey
Generator Room Access	Dual entry points on each side
Noise Level @ 1m, dB	87 dB
@ 7m, dB	80 dB
@ 10m, dB	73 dB



DIMENSIONS AND WEIGHT

Dimensions (L X W X H) in feet	20'0" X 8'0" X 8'6"
Weight, Kg (Genset Only)	19,270 Kg
Weight, Kg (With GAM)	24,930 Kg

FUEL INFORMATION

Fuel Type	Natural Gas
Methane Number	73
Fuel Consumption @100% load m ³ /h	10.6 GJ per m ³ /h
Supply Gas Pressure Range, kPa	.20 Bar or 2.9 PSI
Emission Information	
NO _x , mg/Nm ³	≤ 500
CO, mg/Nm ³	≤ 850

ALTERNATOR

Build Specification	Dual bearing, re-greaseable
Mechanical Arrangement	LSA502-8-036
IP Rating	23
Excitation Type	Shunt + PMG
Number of ends out	6 lead/neutral point in TB
Instrument CT's	2200/0.55 2VA
AC Heaters	240 VAC 1 Ph
Bearing RTD's	PT100 – DE & NDE
Winding RTD's	PT100 – 2 per phase