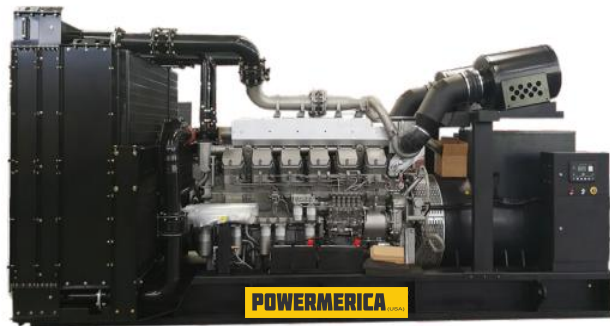


Mitsubishi Power Generator

1500KVA/1200KW

Features

- ◆ Japan Mitsubishi engine S12R-PTAA2
- ◆ Powermerica(USA) alternator MC1200
- ◆ Powermerica(USA) Controller DSE7320
- ◆ Emergency stop button, buzzer, panel light
- ◆ 12/24V maintenance free battery, battery wires
- ◆ Float battery charger
- ◆ Battery isolator switch
- ◆ Radiator with engine driven fan mounted
- ◆ Anti-vibration mountings
- ◆ Silencers with flexible connects and elbow
- ◆ Test report, drawing, operation and maintenance manual



Genset Main Data

Genset Model	P1650L5	
Prime Power	1200KW /1500KVA	
Standby Power	1320KW /1650KVA	
Frequency/Speed	50Hz/1500rpm	
Standard Voltage	380/220V	
Power Factor	0.8	
Phases	Three phases, four wires	
Fuel Cons. (L/H)	110% prime power	338.8
	100% prime power	308
	75% prime power	231
	50% prime power	154
Dimensions(L×W×H)mm	Open	Silent
	4980*2000*2380	40HQ
Weight (kg)	10660	/

Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO8528-1. A 10% overload capability is available for a period of 1 hour within 12-hour period of operation. In accordance with ISO 3046-1.

Standby Power Rating is applicable for supplying emergency power in variable load applications for up to 200 hours per year in accordance with ISO8528-1. Overload is not allowed.

Engine Data

Engine Model	S12R-PTAA2
Brand	Japan Mitsubishi
Engine Speed	1500rpm
Prime power with fan(mkw)	1314
Bore and Stroke	170*180
Cy/No. and Arrangement	4-Cycle, Water Cooled, 12-Cyliners V-type
Displacement(L)	49.03
Compression Ratio	13.5:1
Lub oil Capacity (L)(total)	180
Aspiration	Turbo-Charged, Air to Air Cooler
Governor Type	Electrical
Starter (V)	24

Alternator Data

Alternator Model	LSA50.2L8
Brand	Powermerica(USA)
Output Power(Kva)	1500
Voltage Control	AVR
Number of Phase	3
Power Factor (Cos Phi)	0.8
Insulation Class	H
Protection	23
Altitude	≤ 1000 m
Number of Pole	4
Voltage Regulation	±0.5%
Totale Harmonic Distortion	at no load < 4 % - on load < 4 %
Bearing	Single
Coupling	Direct

Control System



Powermerica(USA Panel)

Model DSE7320

DSE7320 is an auto mains failure controller for single generator, it can monitor and protect the generator working all the time. it has a LCD display which clearly shows the status of the engine. this controller include seven inputs and six outputs. This controller can also be programmed using the frong panel or by using DSE configuration Suite PC software.

Parameters:

This controller can provide Generator frequency, Under/over speed, Generator volts, Generator current, Engine oil pressure, Engine coolant temperature, Flexible fuel level, Hours run counter, Battery volts, Fail to start/stop, Emergency Stop. Failed to reach loading voltage/frequency, Charge fail, Loss of magnetic pick-up signal, Low DC voltage, CAN diagnostics and CAN fail/error, Mains volts 3 phase, Mains frequency, AMF indications

Protection:

- ◆ Low Oil Pressure
- ◆ High water Temperature
- ◆ High voltage and low voltage
- ◆ Overspeed
- ◆ Volt adjuster and frequency adjuster.

Features:

- ◆ Protection: Automatic start/stop, load transfer and alarming of generator;
- ◆ CAN and magnetic pick-up versions.
- ◆ PC and front panel configurable
- ◆ 4 digital inputs and 3 analogue inputs.
- ◆ 6 outputs(4 configurable on magnetic pick-up, 6 configurable on Canbus version).
- ◆ 3 phase generator and mains voltage monitoring.
- ◆ remote start on or off load.
- ◆ advanced metering capability.
- ◆ test button. ◆ protected solid state outputs. ◆ transfer between mains and generator power.
- ◆ user-friendly set-up and button layout.
- ◆ multiple engine parameters are monitored simultaneously.
- ◆ module can be configured to suit individual applications.
- ◆ IP 65 rating offers advanced resistance to water ingress when gasket is fitted.

Optional

Genset

- * Trailer
- * Dual frequency (50/60hz both)
- * Customised canopy design
- * Special required sound level
- * 50°C ambient temperature
- * Synchronization system

Exhaust System

- * Customised exhaust connection way

Fuel System

- * Dual wall base fuel tank
- * Enlarge base fuel tank
- * External daily fuel tank
- * External Fuel Pump
- * Low fuel level alarm
- * Automatic fuel feeding system
- * Fuel three-valves

Controller

- * Remote control system
- * Synchronization controller
- * ATS

Alternator

- * PMG
- * Drop kits
- * Anti-condensation heater
- * Winding temperature measuring instrument
- * Single phase
- * Double bearing
- * Anti-damp and anti-corrosion treatment

Engine

- * Water jacket preheater
- * Lub oil heater
- * Electronic governor

For more information,please contact your local mecca generator partner:



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For continuous product development, specifications allow some changes