



**4 - 33KVA  
400 - 2250KVA**

## **Cool Power Diesel Generator Sets Powered by MITSUBISHI**

### **Description**

Cool Power generator sets offer a wide range of Prime & Standby power ratings suitable for residential, commercial & industrial applications.

Our standard genset includes set mounted heavy duty tropicalised radiator with protection guards rated for up to 45°C air-on temperature.

All our equipment are guaranteed under warranty against manufacturer defects for a period of 12 months or 1500 operating hours from date of initial start-up, or 18 months from date of shipment, whichever is earlier.

### **Alternator**

- Type: 4-pole, rotating field
- Exciter type: Brushless, self exciting
- Automatic voltage regulator (AVR):  
Solid state, Volts/Hz
- Industrial standard, single bearing type
- Self ventilated, screen protected IP23
- Voltage regulation  $\pm 1\%$  at any fixed load
- Power factor: 0.8 @ 3P4W
- Re-connectable
- Two-third pitch

### **Scope of Supply**

- Heavy duty steel channel base frame
- Anit-Vibration mounts supports between engine / alternator & base frame
- All gensets includes set mounted heavy duty tropicalised radiator with protection guards to cool the engine up to 45°C air-on temperature.
- High capacity lead-acid starting batteries.
- Heavy duty industrial type silencer & stainless steel flexible exhaust bellow.
- Manual start set mounted control panel using Deep Sea controller as standard or equivalent c/w: voltmeter, ammeter, frequency/rpm, hour run counter, lub oil pressure gauge, water temperature gauge & safety shutdown protection for low oil pressure, high water temperature and engine overspeed.
- Circuit breaker – GE as standard or equivalent



### **Optional Supply**

- Weatherproof / soundproof / super soundproof enclosure
- Mobile trailer
- Remote radiator cooling
- Engine / alternator heaters
- Auto load sharing & synchronizing panel
- Auto Start / Auto Mains Failure (AMF) / ATS control panel
- PMG alternator excitation

### **Mitsubishi Engine**

- Advance design, low maintenance and durable
- Direct fuel injection pump
- High power to weight ratio
- Multi-cylinder in-line 4, 6 up to vee 12, 16
- Naturally aspirated or turbocharged
- 12/24V electrical system
- Mechanical / hydraulic / electronic governor



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### 380 - 415V, 50Hz, 1500rpm

GENSET MODEL (PRIME)	KVA (PRIME)	GENSET MODEL (STANDBY)	KVA (STANDBY)	ENGINE MODEL	Length (mm)	Width (mm)	Height (mm)	Dry Weight (kg)
CPM4.2	4.2	CPM4.7E	4.7	L2E	995	600	805	225
CPM6.7	6.7	CPM7.5E	7.5	L3E	1050	600	860	284
CPM10	10	CPM11.5E	11.5	S3L2	1090	600	875	325
CPM14	14	CPM16E	16	S4L2	1180	600	885	396
CPM21	21	CPM23E	23	S4Q2	1250	600	915	427
CPM30	30	CPM33E	33	S4S	1450	600	990	530
CPM400	400	CPM500E	500	S6A3-PTA	3300	1500	1900	3500
CPM500	500	CPM550E	550	S6A3-PTAA	3300	1500	1900	3800
CPM600	600	CPM660E	660	S6R-PTA	3635	1460	1720	4665
CPM650	650	CPM750E	750	S6R2-PTA	3635	1460	1720	5030
CPM750	750	CPM825E	825	S6R2-PTAA	4080	1715	1985	5606
CPM765	765	CPM850E	850	S12A2-PTA	4050	1600	2120	6640
CPM910	910	CPM1000E	1000	S12H-PTA	4450	1645	2440	8028
CPM1050	1050	CPM1160E	1160	S12H-PTA	4450	1645	2440	8335
CPM1275	1275	CPM1425E	1425	S12R-PTA	4665	1890	2650	10010
CPM1375	1375	CPM1530E	1530	S12R-PTA2	4700	1890	2895	12005
CPM1500	1500	CPM1650E	1650	S12R-PTAA2	4920	2192	2976	13117
CPM1735	1735	CPM1900E	1900	S16R-PTA	5260	1820	2810	13850
CPM1900	1900	CPM2100E	2100	S16R-PTA2	5200	2286	2950	14690
CPM2000	2000	CPM2250E	2250	S16R-PTAA2	5700	2392	3345	16400

#### Note:

Dimensions and weight are approximate values.  
Deration may be necessary at certain voltages.

Ratings based on ISO3046, BS5514, DIN6271,  $\pm 5\%$  tolerance. Standard reference conditions: air inlet temperature 27°C, altitude 100m asl, fuel weight 0.85Kg/l. Prime rating: Continuous running at variable load. No limit to the annual hours of operations. 10% overload capability for 1 hour in any 12 hours. Standby rating: Emergency power at variable load in the event of Utility power failure. No overload is permitted.

Authorised Agent

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