



30 - 450KVA

## Cool Power Diesel Generator Sets Powered by JOHN DEERE

### 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

### John Deere Engine

- Reliable, low maintenance, water cooled engine
- Quick starting & smooth running
- 3, 4 or 6 in-line
- Naturally aspirated or turbocharged
- Innovative fuel system, low vibration, low noise, compact and light design
- 24V electrical system
- 6125 series with electronic control (ECU)



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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)
CPJ31	31	CPJ35E	35	3029DF128	1500	700	1315	685
CPJ40	40	CPJ44E	44	3029TF158	1750	730	1345	884
CPJ63	63	CPJ70E	70	4045TF158	1770	730	1540	985
CPJ80	80	CPJ90E	90	4045TF258	2020	730	1525	1029
CPJ100	100	CPJ110E	110	6068TF158	2020	860	1630	1276
CPJ115	115	CPJ125E	125	6068TF258	2020	830	1630	1300
CPJ125	125	CPJ140E	140	6068HF158	2350	850	1630	1558
CPJ150	150	CPJ165E	165	6068HF158	2350	850	1635	1596
CPJ180	180	CPJ200E	200	6068HF258	2450	847	1635	1744
CPJ230	230	CPJ250E	250	6081AF(B)	2600	935	1655	2426
CPJ275	275	CPJ300E	300	6081HF(B)	2905	1100	1910	2765
CPJ300	300	CPJ330E	330	6125HF(A)	3000	1060	1990	3396
CPJ350	350	CPJ390E	390	6125HF(B)	3050	1060	1990	3688
CPJ380	380	CPJ425E	425	6125HF(C)	3050	1060	1990	3688
CPJ410	410	CPJ450E	450	6135HF475(C)	3130	1300	1990	3720

#### 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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