Genset Data Sheet 1

	Prime	Standby
Genset model	CPP450P	CPP500S
400V, 50Hz	450.0 kVA 360.0 kW	500.0 kVA 400.0 kW

Ratings at 0.8 pf

Prime
This rating is for the supply of continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation on the annual hours of operation and 10% overload power can be supplied for one hour in twelve hours.

Standby
This rating is for the supply of continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted.

Engine model	Scania	DC12-54 (spec 10-84)
Number of cylinders		6 in-line
Cubic capacity	litre (cu inch)	11.7 (714.0)
Aspiration		Turbocharged
Alternator	Newage	Stamford
Frequency	Hz	50
Engine speed	rpm	1,500
Fuel tank capacity	litre (USgal)	*1,000 (264)
Fuel consumption at full rating: Prime	litre /h (USgal /h)	**82.4 (21.8)
Standby	litre /h (USgal /h)	**96.0 (25.4)
Heat rejection to exhaust system (max)	kW (BTU /min)	296 (16,830)
Heat rejection to cooling system (max)	kW (BTU /min)	229.0 (13,485)
Total radiated heat (max)	kW (BTU /min)	Not applicable
Exhaust temperature (max)	deg C (deg F)	537 (999)
Radiator cooling air flow	cu m /min (cfm)	Not applicable
with max restriction	mm (inch) H_2O	Not applicable
Combustion air flow (max)	cu m /min (cfm)	25.4 (898)
Exhaust gas flow (max)	cu m /min (cfm)	Not applicable
with max allowable back pressure	mm (inch) H_2O	Not applicable

Note: Standard reference conditions: 25deg C (77deg F) air inlet temperature, 152.4m (500feet) above sea level, 60% relative humidity. All engine performance data based on the above mentioned maximum continuous ratings. Fuel consumption data at full load for diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1996, class A2.

Genset photograph may include optional extras
*none Bunded **Approx usage

AJ Power



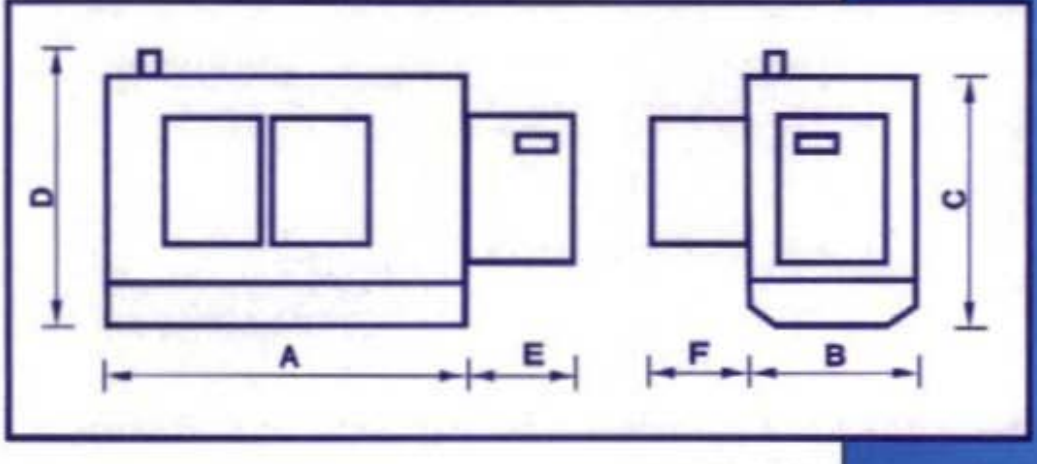
REV 18 APR 2008

Diesel Sound attenuated Three phase CPP500

Genset Data Sheet 2

Genset model	CPP500

Dimensions:		
Length (A)	mm (inch)	4,750 (187.0)
Width (B)	mm (inch)	1,600 (63.0)
Height (C)	mm (inch)	2,095 (82.5)
Total height of exhaust rain cap (D)	mm (inch)	2,245 (88.4)
Max horizontal projection of end door (E)	mm (inch)	1,000 (39.4)
Max horizontal projection of doors at each side (F)	mm (inch)	1,105 (43.5)
Weights:		
Dry weight (with lube oil)	kg (lb)	4,550 (10,030)
Wet weight (with lube oil and coolant)	kg (lb)	4,600 (10,140)
		50Hz
Sound pressure levels:		1500rpm
15m, 75% load	dB(A)	65
15m, 100% load	dB(A)	66
7m, 75% load	dB(A)	71
7m, 100% load	dB(A)	72
1m, 75% load	dB(A)	80
1m, 100% load	dB(A)	81



Diesel Sound attenuated Three phase CPP500

Chloride Harath
Fraser Road, Priory Business Park, Bedford
MK44 3BF, United Kingdom
Tel: +44 (0)844 633 0106 Fax: +44 (0)800 007 3026
Web: www.chloridepower.com

In line with our policy of continuous development, we reserve the right to change specification without notice