

# 1250kVA Generator

## Model: C1250 D2R Powerbox 20X



### Generator Set Data

	50Hz	60Hz		50Hz
VOLTAGE (V)	415/240V	415/240V	POWER FACTOR	cos $\phi$ 0,8
RPM	1500	1800	FUEL TANK CAPACITY - gross	1,000 L
PRIME RATING	1256 kVA	1400 kVA	- usable	900 L
	1005 kwe	1120 kwe	FUEL CONSUMPTION @ 75%	199 L/H
Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capacity is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS5514.			BUNDED DAY TANK	Y
STANDBY RATING	1400 kVA	1588 kVA	DIMENSIONS	3900mm (L)
	1120 kwe	1120 kwe		1200mm (W)
Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS5514.			WEIGHT	17,500Kg (Without Fuel)
CONTINUOUS RATING	300 kVA	350 kVA	MAXIMUM OPERATING AMBIENT	40°C
	240 kwe	280 kwe	SOUND LEVEL	@ 100% load
Applicable for supplying power continuously to a constant electric load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN 6271 and BS 5514.				83 dBa @1m
			LIFTING ARRANGEMENTS	73 dBa @7m
			4 x top container corner blocks	Y
			4 x bottom container corner blocks	Y

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### Engine

	1500rpm
MODEL	CUMMINS KTA50-G3
MAX POWER @ 50HZ	1097 KWm
STANDBY POWER	1228 KWm
ASPIRATION	TURBO & AFTER COOLED
COOLING SYSTEM	WATER
SPEED GOVERNOR	ELECTRONIC
CYLINDERS NUMBER	V16
DISPLACEMENT	50,000 cm <sup>3</sup>
BORE X STROKE	159 x159 mm

### Control System

MODEL	CUMMINS PCC 3100
CONTROL FUNCTIONS	
Manual Start	Y
Auto Start	Y
Set to Set Paralleling	Y
Utility Paralleling	N
AUXILIARY SUPPLY	
Voltage	240V 1Ø
Via Connection Type	32A 1 Phase Socket
Battery Charger	Y
Coolant Heater	Y
Enclosure Lighting ac/dc	Y
OUTPUT CIRCUIT BREAKER	
Make	SCHNEIDER
Model	NW20H1
Current Rating	2,000 Amp
Motorised	Y
Trip Type	Micrologic 2.0

### Alternator

	1500rpm
MODEL	CUMMINS P734B
MAXIMUM POWER @ 50HZ	14000kVA
MAX EFFICIENCY	%
EXCITER	BRUSHLESS & PMG
WIRES	6
SHORT-CIRCUIT CURRENT	-
POLES	4
INSULATION	CLASS H
VOLTAGE REGULATION	± 0,5%
PHASES	3 + N
PROTECTION	IP 23
AVR	PCC3100

