

1000kVA Generator

Model:BCRPC 1000D



Generator Set Data

	50Hz	60Hz		50Hz	60Hz
VOLTAGE (V)	400/231V	480/250V	FUEL CONSUMPTION @ 100%	202 L/H	240 L/H
RPM	1500	1800	75%	151 L/H	177 L/H
PRIME RATING	1000 kVA	1150 kVA	50%	102 L/H	119 L/H
	800 kwe	920 kwe	25%	54 L/H	66 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.

STANDBY RATING	1100 kVA	1265 kVA
	880 kwe	1012kwe

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.

CONTINUOUS RATING	791 kVA	940 kVA
	683 kwe	752 kwe

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.

POWER FACTOR	cos ϕ 0,8	cos ϕ 0,8
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BUNDED DAY TANK	1250L
DIMENSIONS	6060mm (L) 2591mm (W) 2591mm (H)
WEIGHT	16500Kg (Without Fuel) 17570Kg (With Fuel)
MAXIMUM OPERATING AMBIENT	40°C
SOUND LEVEL	@ 75% load 75 dBa @1m
LIFTING ARRANGEMENTS	
Single Point Lift	Y
Fork Pockets	Y

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Engine

	1500rpm	1800rpm
MODEL	CUMMINS QST30G4	
MAX POWER @ 50HZ	880 KWm	1007 KWm
STANDBY POWER	970 KWm	1112 KWm
ASPIRATION	TURBO	
COOLING SYSTEM	WATER	
SPEED GOVERNOR	ELECTRONIC	
CYLINDERS NUMBER	V12	
DISPLACEMENT	30,480 cm ³	

Alternator

	1500rpm	1800rpm
MODEL	STAMFORD HC1634J	
MAXIMUM POWER @ 50HZ	1000kVA	1200KVA
MAX EFFICIENCY	-	-
EXCITER	PMG	
WIRES	12	
SHORT-CIRCUIT CURRENT	-	-
POLES	4	
INSULATION	CLASS H	
VOLTAGE REGULATION	± 0,5%	
PHASES	3+ N	
PROTECTION	IP 23	
AVR	MX321	

Control System

MODEL	DEEP SEA 8710 & 8721
CONTROL FUNCTIONS	
Manual Start	Y
Auto Start	Y
Set to Set Paralleling	Y
Utility Paralleling	N
AUXILIARY SUPPLY	
Voltage	240V 1Ø
Via Connection Type	16A 1 PHASE SOCKET
Battery Charger	Y
Coolant Heater	Y
Enclosure Lighting dc	Y
OUTPUT CIRCUIT BREAKER	
Make	SCHNEIDER
Model	NS1600N
Current Rating	1,600 Amp
Motorised	Y
Trip Type	Micrologic 2.0

