

19kVA Generator

Model:BCRY 19-50/60 E3A



Generator Set Data

	50Hz	60Hz		50Hz	60Hz
VOLTAGE (V)	400/230V	480/277V	POWER FACTOR	cos ϕ 0,8	cos ϕ 0,8
RPM	1500	1800	FUEL CONSUMPTION @ 70%	3.6 L/H	4.4 L/H
PRIME RATING	19 kVA	22 kVA	BUNDED DAY TANK	100L	
	15 kwe	18 kwe	DIMENSIONS	1948mm (L)	
				835mm (W)	
				1423mm (H)	
			WEIGHT	855Kg (Without Fuel)	
				950Kg (With Fuel)	
			MAXIMUM OPERATING AMBIENT	40°C	
			SOUND LEVEL	@ 75% load	
				72 dBa @1m	
				62 dBa @7m	
			LIFTING ARRANGEMENTS		
			Single Point Lift	Y	
			Fork Pockets	Y	

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.

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.

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.

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Engine

	1500rpm	1800rpm
MODEL	YANMAR 4 TNV 88	
MAX POWER @ 50HZ	___ KWm	300 KWm
STANDBY POWER	___ KWm	___ KWm
ASPIRATION	NATURAL	
COOLING SYSTEM	WATER	
SPEED GOVERNOR	MECHANICAL	
CYLINDERS NUMBER	4	
DISPLACEMENT	2190 cm ³	

Alternator

	1500rpm	1800rpm
MODEL	STAMFORD P1 144D	
MAXIMUM POWER @ 50HZ	17kVA	
MAX EFFICIENCY	85 %	
EXCITER	SELF EXCITED	
WIRES	12	
SHORT-CIRCUIT CURRENT	300%	
POLES	4	
INSULATION	CLASS H	
VOLTAGE REGULATION	± 1%	
PHASES	3+ N	
PROTECTION	IP 23	
AVR	AS 440	

Control System

MODEL	DEEP SEA 7130
CONTROL FUNCTIONS	
Manual Start	Y
Auto Start	Y
Set to Set Paralleling	N
Utility Paralleling	N
AUXILIARY SUPPLY	
Voltage	N/A
Via Connection Type	N/A
Battery Charger	N
Coolant Heater	N
Enclosure Lighting ac	N/A
OUTPUT CIRCUIT BREAKER	
Make	ABB
Model	D32
Current Rating	32 Amp
Motorised	N
Trip Type	S2C-A1
Bus Bars	Y
125A C Form 3 Phase Sockets	N
32A C Form 3 Phase Sockets	1
63A C Form single Phase Sockets	N
32A C Single Phase Sockets	1
16A C Single Phase Sockets	1
Road Towable Option	Y

