

20kVA Generator

Model: HRYW-20 T5 E3A



STAGE 3A

Generator Set Data

	50Hz
VOLTAGE (V)	415/240V
RPM	1500
PRIME RATING	20 kVA
	16 kwe

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	22 kVA
	17 kwe

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 BS 5514.

CONTINUOUS RATING	20 kVA
	16 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	50Hz cos ϕ 0,8
FUEL CONSUMPTION @25%	XX L/H
@50%	2.72 L/H
@ 75%	3.75 L/H
@100%	4.95 L/H

BUNDED DAY TANK	190L
DIMENSIONS	2150mm (L)
	1025mm (W)
	1557mm (H)

WEIGHT	708Kg (Without Fuel)
	898Kg (With Fuel)

MAXIMUM OPERATING AMBIENT	40°C
SOUND LEVEL	@ 100% load
	72 dBa @1m
	62 dBa @7m

LIFTING ARRANGEMENTS	
Single Point Lift	Y
Fork Pockets	Y

Unit B1 Colliery Business Park
Pike Road, Eythorne,
Dover, Kent, CT15 4FE

t 01304 833900
e rental@powerhire.uk.com
www.powerhire.uk.com



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Engine

	1500rpm
MODEL	YANMAR
MAX POWER @ 50HZ	298 KWm
STANDBY POWER	298 KWm
ASPIRATION	TURBO
COOLING SYSTEM	WATER
SPEED GOVERNOR	MECHANICAL
CYLINDERS NUMBER	4
DISPLACEMENT	2190 cm ³

Alternator

	1500rpm
MODEL	MECC ALTE ELP 28
MAXIMUM POWER @ 50HZ	20 kVA
MAX EFFICIENCY	85 %
EXCITER	SELF
WIRES	12
SHORT-CIRCUIT CURRENT	300%
POLES	4
INSULATION	CLASS H
VOLTAGE REGULATION	± 1%
PHASES	3+ N
PROTECTION	IP 23
AVR	DSR

Control System

MODEL	DEEP SEA 7310
CONTROL FUNCTIONS	
Manual Start	Y
Auto Start	Y
Set to Set Paralleling	N
Utility Paralleling	N
AUXILIARY SUPPLY	
Voltage	X
Via Connection Type	X
Battery Charger	X
Coolant Heater	X
Enclosure Lighting ac	X
OUTPUT CIRCUIT BREAKER	
Make	SCHNEIDER B32
Model	3
Current Rating	32 Amp
Motorised	N
Trip Type	IMX +OF
Bus Bars	Y
32A C Phase Sockets	1
32A C Form 3 Phase Sockets	3
Road Towable Option	Y

