

# 40kVA Generator

## Model: HR1/W-45 T5



### Generator Set Data

	50Hz	60Hz		50Hz	60Hz
VOLTAGE (V)	400/230V	480/277V	POWER FACTOR	cos $\phi$ 0,8	cos $\phi$ 0,8
RPM	1500	1800	FUEL CONSUMPTION @ 70%	7 L/H	8.6 L/H
PRIME RATING	41 kVA	50 kVA	BUNDED DAY TANK	190L	
	33 kwe	40 kwe	DIMENSIONS	2150mm (L)	
				1025mm (W)	
				1552mm (H)	
			WEIGHT	1042Kg (Without Fuel)	
				1213Kg (With Fuel)	
			MAXIMUM OPERATING AMBIENT	40°C	
			SOUND LEVEL	@ 100% load	
				66 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.

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

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



# 40kVA Generator

## Model: HR1/W-45 T5

### Engine

	1500rpm	1800rpm
MODEL	YANMAR4-TNV98T ZGGEH	
MAX POWER @ 50HZ	41.8 KWm	50.1 KWm
ASPIRATION	TURBO	
COOLING SYSTEM	WATER	
SPEED GOVERNOR	ELECTRONIC	
CYLINDERS NUMBER	4	
DISPLACEMENT	3319 cm <sup>3</sup>	

### Alternator

	1500rpm	1800rpm
MODEL	MECC ALTE ECP32-35/4	
MAXIMUM POWER @ 50HZ	42.5kVA	51kVA
MAX EFFICIENCY	89 %	90 %
EXCITER	SELF EXCITED	
WIRES	12	
SHORT-CIRCUIT CURRENT	300%	350%
POLES	4	
INSULATION	CLASS H	
VOLTAGE REGULATION	± 1%	
PHASES	3+ N	
PROTECTION	IP 23	
AVR	DSR	

### Control System

MODEL	DEEP SEA 7410
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
OUTPUT CIRCUIT BREAKER	
Make	N/A
Model	N/A
Current Rating	N/A
Motorised	N/A
Trip Type	N/A
Bus Bars	Y
32A C Form 3 Phase Sockets	1
32A C Single Phase Sockets	3
16A C Single Phase Sockets	N
Road Towable Option	Y

