

# 45kVA Generator

## Model: HRYW-45 T5



### Generator Set Data

	50Hz	60Hz		50Hz
VOLTAGE (V)	400/230V	440/254V	POWER FACTOR	cos $\phi$ 0,8
RPM	1500	1800	FUEL CONSUMPTION @ 75%	6.94 L/H
PRIME RATING	41 kVA	50 kVA	BUNDED DAY TANK	100L
	33 kwe	40 kwe	DIMENSIONS	2150mm (L)
				1025mm (W)
				1329mm (H)
			WEIGHT	844Kg (Without Fuel)
				952Kg (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.

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### Engine

	1500rpm
MODEL	YANMAR 4TNV98T
MAX POWER @ 50HZ	37.7 KWm
STANDBY POWER	41.8 KWm
ASPIRATION	TURBO
COOLING SYSTEM	COOLANT
SPEED GOVERNOR	ELECTRONIC
CYLINDERS NUMBER	4
DISPLACEMENT	3319 cm <sup>3</sup>
STAGE	111A

### Alternator

	1500rpm	1800rpm
MODEL	MECC ALTE ECP 32 35/4	
MAXIMUM POWER @ 50HZ	41kVA	
MAX EFFICIENCY	94 %	
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 7410/7310
CONTROL FUNCTIONS	
Manual Start	Y
Auto Start	Y
Set to Set Paralleling	N
Utility Paralleling	N
AUXILIARY SUPPLY	
Voltage	230V 1Ø
Via Connection Type	16A C FORM
Battery Charger	N
Coolant Heater	N
Enclosure Lighting ac	N
OUTPUT CIRCUIT BREAKER	
Make	SCHNEIDER
Model	IC60N
Current Rating	63 Amp
Motorised	N
Trip Type	Frer X52ds
Bus Bars	Y
115A C Form 3 Phase Sockets	N
63A C Form 3 Phase Sockets	Y
63A C Form single Phase Sockets	N
32A C Single Phase Sockets	Y
16A C Single Phase Sockets	N
Road Towable Option	Y



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