

SOLAR HYBRID LINE

MGTP 15000/20 THS LITHIUM 3P

T-ZERO^{PRO}

POWER & INNOVATION

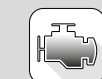


SOLAR HYBRID
technology



LITHIUM
battery

STAGE 5
CERTIFIED



YANMAR



1500
RPM



DIESEL



WATER
cooled



SINGLE
phase



THREE
phase



MGTP 15000/20 THS LITHIUM 3P

Code **RP117-10TS5**

Features

Outlet socket	16A - 400V 32A - 400V
Inlet plug	32A - 400V
Inverter	3 x 48V/5000VA
Battery charger	10kW

Alternator

Model	Linz PRO 18M E/4
Rated output	20kVA
Frequency	50Hz
Voltage	400V
Insulation class	H
Degree of Protection	IP23

Engine

Model	YANMAR 4TNV88
Fuel	Diesel
Engine speed	1500rpm
Noise level at 7mt	60dBA
Emissions regulations	STAGE 5

Consumption only engine mode

Tank capacity	320lt
Fuel consumption - Running time	5.9l/h - 54.2 hrs

Lithium Batteries

Battery	25,6V-200Ah
Batteries number	4
Battery Pack	51,2VDC-20.5kWh
Expected battery cycle	2500 - 80% DOD

Solar Panel

Power	4 x 40W
Type	Monocrystalline
Solar Panel deployment	electric

Dimensions & Weight

Dimension	1930 x 1190 x 1610 mm
Weight	1350Kg

ON BOARD CONTROL PANEL EQUIPPED WITH:

DSE 3110	Fuel level monitor
ON/OFF switch	Fuel reserve signal lamp
Earth leakage circuit breaker	Battery level indicator
Circuit breaker	Voltage indicator
Emergency stop	

Distribution Panel

1x 32A 3Ph 400V EEC plug for battery charging
1x 32A 3Ph 400V EEC socket
1x 16A 3Ph 400V EEC socket

Standard Features

Automatic battery switch
Sound proof canopy
Exhaust gas silencer
Built in fuel tank
Bunded tank
MPPT Solar charger model 150/35
Forklift pocket
Central lifting eye
Heavy bump stoppers
3 ways valve for external fuel tank connection

Continuous Inverter Output Power

15000VA

Overload (0,5 sec)

37500VA

Running Time with Constant Load from Batteries

4000W	4.1h
8000W	2.0h
12000W	1.4h

Recharging time - Power requested

2.2h	13.0kW
Max Loading during recharging time	2.6kW

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