

## T-ZERO<sup>PRO</sup>

### POWER & INNOVATION

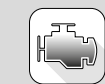


**SOLAR HYBRID**  
technology



**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	Victron 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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