

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

### POWER & INNOVATION



**SOLAR HYBRID**  
technology



**LITHIUM**  
battery

**STAGE 5**  
CERTIFIED



**Kubota**



**1500**  
RPM



**WATER**  
cooled



**DIESEL**



**SINGLE**  
phase



#### MGTP 5000/5 THS LITHIUM 1P

Code **RP32-6MS8**

#### Features

Outlet socket	16A - 230V 32A - 230V
Inlet plug	32A - 230V
Inverter	1 x 48V/5000VA
Battery charger	1.4kW

#### Alternator

Model	Zanardi
Rated output	8kVA
Frequency	50Hz
Voltage	230V
Insulation class	H
Degree of Protection	IP23

#### Engine

Model	KUBOTA D1105
Fuel	Diesel
Engine speed	1500rpm
Noise level at 7mt	60dBA
Emissions regulations	STAGE 5

#### Consumption only engine mode

Tank capacity	200lt
Fuel consumption - Running time	3,44 l/h - 58,1 hrs

#### Lithium Batteries

Battery	12,8V - 100Ah
Batteries number	4
Battery Pack	51,2VDC-5.1kWh
Expected battery cycle	2500 - 80% DOD

#### Solar Panel

Power	4 x 40W
Type	Monocrystalline
Solar Panel deployment	electric

#### Dimensions & Weight

Dimension	1715 x 1066 x 1500 mm
Weight	900Kg

#### 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 1Ph 230V EEC plug for battery charging
1x 32A 1Ph 230V EEC socket
1x 16A 1Ph 230V 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
Heavy bump stoppers
3 ways valve for external fuel tank connection

#### Continuous Inverter Output Power

5000VA

#### Overload (0,5 sec)

12500VA

#### Running Time with Constant Load from Batteries

1000W	4.1h
2000W	2.0h
4000W	1.0h

#### Recharging time - Power requested

2.5h	2.9kW
Max Loading during recharging time	3.5kW

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