

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

### POWER & INNOVATION



HYBRID  
technology



LITHIUM  
battery

**STAGE 5**  
CERTIFIED



Kubota



1500  
RPM



WATER  
cooled



DIESEL



SINGLE  
phase

#### MGTP 8000/12 TH

Code **RP47-8MS12**

#### Technical data

Continuous power (VA)	8000
Battery pack capacity (Wh)	11776
Capacity available DOD 80% (Wh)	9421
Voltage (V)	230
Frequency (Hz)	50

#### Inverter

Nominal power (VA)	8000
QTY	1
System voltage (V)	48
Max charging current (A)	110

#### Batteries

Type	LiFePO4
QTY	2
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	230
Cycle Life DOD 80%	> 4000

#### Engine

Brand	Kubota
Model	D1105
Speed	1500
Cooling system	Water
Emission	Stage V
Fuel Tank (l)	200

#### Alternator

Brand	Linz
Model	PRO 18S A/4
Rated output (kVA)	20
Frequency (Hz)	50
Power factor (cos φ)	0,8

#### Distribution Panel

Inlet Plug	1x 32A-230V
Outlet Sockets	1x 32A-230V 1x 16A-230V



#### Performances

Running time on batteries (h) 25% load	5,0
Running time on batteries (h) 50% load	2,5
Running time on batteries (h) 75% load	1,5
Recharge time from engine (h)	3,5

#### Standard Features

DSE 3110 controller	Sides forklift pockets & Central lifting hook
5" Touch monitoring display controller	Lockable control panel
Communication-centre device	Main circuit breaker & Earth leakage relay
48V/400A BMS to protect the batteries	Emergency Stop button
4G/GPS Antenna + Modem	Bunded tank
Remote telemetry & management	3-way valve for external tank
Auto recharge of the batteries	Battery switch
Automatic peak shaving mode	

#### Available options

MC4 connectors + MPPT solar charger for external solar panels
Mat heating system for batteries to work in cold temperatures

#### Dimension

Length (mm)	1700
Width (mm)	1066
Height (mm)	1450
Dry weight (Kg)	920

The company reserves the right to modify the technical specifications, items and design without notice. The images of the products are indicative for illustrative purposes only.