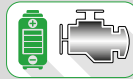


# HYBRID LINE

MGTP 5000/12 TH

**T-ZERO PRO**  
POWER & INNOVATION

STAGE 5  
CERTIFIED



HYBRID  
technology



LITHIUM  
battery



Kubota



1500  
RPM



WATER  
cooled



DIESEL



SINGLE  
phase



Combined Power

12kVA



Run Time

9,5h

## MGTP 5000/12 TH

Code **RP47-5MS11**

### Technical data

Continuous power (VA)	5000
Battery pack capacity (Wh)	11776
Capacity available DOD 80% (Wh)	9421
Voltage (V)	230
Frequency (Hz)	50

### Inverter

Nominal power (VA)	5000
Q.ty	1
System voltage (V)	48
Max charging current (A)	70

### Batteries

Type	LiFePO4
Q.ty	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	Zanardi
Model	PE28 2VS/4
Rated output (kVA)	8
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	9,5
Running time on batteries (h) 50% load	4,5
Running time on batteries (h) 75% load	3,0
Recharge time from engine (h)	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 optionals

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

### Dimension

Length (mm)	1700
Width (mm)	1066
Height (mm)	1450
Dry weight (Kg)	800

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.