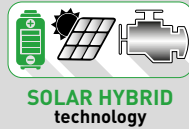


SOLAR HYBRID LINE

MGTP 8000/12 THS

T-ZERO PRO
POWER & INNOVATION



Combined Power
15kVA

Run Time
6h

MGTP 8000/12 THS	
Code	RP47-8MS12S
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
Q.ty	1
System voltage (V)	48
Max charging current (A)	110
Batteries	
Type	LiFePO4
Q.ty	2
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	230
Cycle Life DOD 80%	> 4000
Solar Panels	
Power	40
Q.ty	4
Type	Monocrystalline
Tilting	Electric
Solar charger	MPPT 150/35
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	6,0
Running time on batteries (h) 50% load	3,0
Running time on batteries (h) 75% load	2,0
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 ambients	

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.