

SOLAR  
HYBRID LINE

power  
and innovation

STAGE 5  
CERTIFIED

15 kVA  
combined power

6h run time

4 x 40W  
solar panels

designed and created  
for your needs

Designed to provide  
an exceptional level  
of performance  
for every work on site  
ensuring the right  
balance between power  
and ease of use

MGTP  
8000/12 THS

T-ZERO<sup>PRO</sup>



more sustainable  
and environmentally  
friendly future

 **TRIME**<sup>®</sup>  
Power Division

# MGTP 8000/12 THS

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



**REDUCTION  
emissions** CO<sub>2</sub>

## APPLICATIONS



Constructions



Road works



Films set



Events

## FEATURES

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

## Solar Panels

Power (W)	40
Q.ty	4
Type	Monocrystalline
Tilting	Electric
Solar charger	MPPT 150/35

**solar hybrid  
technology**



## SOLAR HYBRID LINE

Code	RP47-8MS12S
<b>Dimensions</b>	
L x W x H (mm)	1700x1066x1450
Weight (Kg)	920
<b>Technical Data</b>	
Continuous power (VA)	8000
Battery pack capacity (Wh)	11776
Capacity available DOD 80% (Wh)	9421
Voltage (V)	230
Frequency (Hz)	50
<b>Inverter</b>	
Nominal power (VA)	8000
Q.ty	1
System voltage (V)	48
Max charging current (A)	110
<b>Batteries</b>	
Type	LiFePO4
Q.ty	2
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	230
Cycle Life DOD 80%	>4000
<b>Engine</b>	
Brand	Kubota
Model	D1105
Speed	1500
Cooling system	Water
Emission	Stage V
Fuel Tank (l)	200
<b>Alternator</b>	
Brand	Linx
Model	PRO 18S A/4
Rated output (kVA)	20
Frequency (Hz)	50
Power factor (cos φ)	0,8
<b>Distribution panel</b>	
Inlet Plug	1x 32A-230V
Outlet Sockets	1x 32A-230V
	1x 16A-230V
<b>Performances</b>	
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
<b>Available optionals</b>	
MC4 connectors + MPPT solar charger for external solar panels	
Mat heating system for batteries to work in cold ambients	



**easy handling & transportability**



**TRIME®**

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