



**BOSTOOLS**.NL

**SOLAR  
HYBRID LINE**

**designed and created  
for your needs**

**power  
and innovation**

**44 KvA**  
combined power

**5h run time**

**2 x 360W**  
extendable solar panels

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

**MGTP  
24000/30 THS**



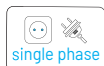
**more sustainable  
and environmentally  
friendly future**



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



# MGTP 24000/30 THS



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

## APPLICATIONS



Constructions



Mining operations



Events



Military applications

## FEATURES

- ✓ MRS 16 controller
- ✓ 5" Touch monitoring display controller
- ✓ Communication-centre device
- ✓ 48V/600A 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)	360
Q.ty	2
Type	Monocrystalline
Tilting	Electric
Solar charger	MPPT 100/20

## SOLAR HYBRID LINE

Code	RP314-24TS7S
<b>Dimensions</b>	
L x W x H (mm)	2441x1131x1920
Dray weight (Kg)	1710
<b>Technical Data</b>	
Continuous power (VA)	24000
Battery pack capacity (Wh)	31130
Capacity available DOD 80% (Wh)	24904
Voltage (V)	230/400
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	LiFeP04
Q.ty	4
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	304
Cycle Life DOD 80%	>4000
<b>Engine</b>	
Brand	Yanmar
Model	4TNV88
Speed	1500
Cooling system	Water
Emission	Stage V
Fuel Tank (l)	250
<b>Alternator</b>	
Brand	Linz
Model	PRO 18M E/4
Rated output (kVA)	42
Frequency (Hz)	50
Power factor (cos φ)	0,8
<b>Distribution panel</b>	
Inlet Plug	1x 63A-400V
	1x 63A-400V
Outlet Sockets	1x 32A-400V
	1x 16A-230V
<b>Performances</b>	
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
<b>Available options</b>	
RSV 32A plug + MPPT solar charger for external solar panels	
Mat heating system for batteries to work in cold ambients	
Intelligen 500 controller c/w remote check & management and CO2-Fuel savings calculator	

**solar hybrid**  
technology



**easy handling & transportability**

