

SOLAR
HYBRID LINE

power
and innovation

44 KvA
combined power

5h run time

2 x 360W
extendable 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
24000/30 THS



more sustainable
and environmentally
friendly future

 **TRIME**[®]
Power Division

MGTP

24000/30 THS



REDUCTION
emissions CO_2

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
Dimensions	
L x W x H (mm)	2441x1131x1920
Dray weight (Kg)	1710
Technical Data	
Continuous power (VA)	24000
Battery pack capacity (Wh)	31130
Capacity available DOD 80% (Wh)	24904
Voltage (V)	230/400
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	4
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	304
Cycle Life DOD 80%	>4000
Engine	
Brand	Yanmar
Model	4TNV88
Speed	1500
Cooling system	Water
Emission	Stage V
Fuel Tank (l)	250
Alternator	
Brand	Linz
Model	PRO 18M E/4
Rated output (kVA)	42
Frequency (Hz)	50
Power factor (cos ϕ)	0,8
Distribution panel	
Inlet Plug	1x 63A-400V
	1x 63A-400V
Outlet Sockets	1x 32A-400V
	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
Available options	
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



TRIME®

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