

SOLAR HYBRID LINE

MGTP 24000/30 THS

T-ZERO^{PRO}

POWER & INNOVATION



YANMAR



1500 RPM



WATER cooled



DIESEL



SINGLE phase



THREE phase



SOLAR HYBRID technology



LITHIUM battery

STAGE 5
CERTIFIED

MGTP 24000/30 THS

Code **RP314-24TS7S**

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
QTY	3
System voltage (V)	48
Max charging current (A)	110

Batteries

Type	LiFePO4
QTY	4
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	304
Cycle Life DOD 80%	> 4000

Solar Panels

Power	360
QTY	2
Type	Monocrystalline
Tilting	Electric
Solar charger	MPPT 150/35

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	4,5
Running time on batteries (h) 50% load	2,0
Running time on batteries (h) 75% load	1,5
Recharge time from engine (h)	3

Standard Features

MRS 16 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/600A 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

RSV 32A plug + MPPT solar charger for external solar panels
Mat heating system for batteries to work in cold temperatures
Intelligen 500 controller c/w remote check & management and CO ₂ -Fuel savings calculator

Dimension

Length (mm)	2441
Width (mm)	1131
Height (mm)	1920
Dry weight (Kg)	1710

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.