

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

### POWER & INNOVATION



**KOHLER**



**1500 RPM**



**WATER cooled**



**DIESEL**



**SINGLE phase**



**THREE phase**



**SOLAR HYBRID technology**



**LITHIUM battery**

**STAGE 5 CERTIFIED**

#### MGTP 45000/60 THS

Code **RP313-45TS9S**

#### Technical data

Continuous power (VA)	45000
Battery pack capacity (Wh)	62259
Capacity available DOD 80% (Wh)	49807
Voltage (V)	230/400
Frequency (Hz)	50

#### Inverter

Nominal power (VA)	15000
QTY	3
System voltage (V)	48
Max charging current (A)	200

#### Batteries

Type	LiFePO4
QTY	8
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	304
Cycle Life DOD 80%	> 4000

#### Solar Panels

Power	360
QTY	4
Type	Monocrystalline
Tilting	Electric
Solar charger	MPPT 150/35

#### Engine

Brand	Kohler
Model	KDI2504TCR
Speed	1500
Cooling system	Water
Emission	Stage V
Fuel Tank (l)	700

#### Alternator

Brand	Stamford
Model	UCI274C
Rated output (kVA)	100
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)	3,5

#### 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/1000A BMS + Distributor 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 <sub>2</sub> -Fuel savings calculator

#### Dimension

Length (mm)	3335
Width (mm)	2210
Height (mm)	2268
Dry weight (Kg)	3700

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.