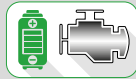


# HYBRID LINE

MGTP 45000/60 TH

**T-ZERO PRO**  
POWER & INNOVATION

STAGE 5  
CERTIFIED



HYBRID  
technology



LITHIUM  
battery



KOHLER



1500  
RPM



WATER  
cooled



DIESEL



SINGLE  
phase



THREE  
phase

Combined Power  
**98kVA**

Run Time  
**5,5h**

MGTP 45000/60 TH	
Code	RP313-45TS9
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
Q.ty	3
System voltage (V)	48
Max charging current (A)	200

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

Engine	
Brand	Kohler
Model	KDI3404TCR
Speed	1500
Cooling system	Water
Emission	Stage V
Fuel Tank (l)	700

Alternator	
Brand	Linz
Model	PRO 22S D/4
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	5,5
Running time on batteries (h) 50% load	3,0
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 optionals	
RSV 32A plug + MPPT solar charger for external solar panels	
Mat heating system for batteries to work in cold ambients	
OptionGen PRO controller c/w remote check & management and CO2-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.