

SOLAR HYBRID LINE

MGTP 45000/60 THS LITHIUM 3P

T-ZERO^{PRO}

POWER & INNOVATION



KOHLER



1500 RPM



WATER cooled



DIESEL



SINGLE phase



THREE phase



SOLAR HYBRID technology



LITHIUM battery

STAGE 5 CERTIFIED

MGTP 45000/60 THS LITHIUM 3P

Code **RP313-45TS6**

Features

Outlet socket	2 x 32A - 400 V 2 x 63A - 400 V
Inlet plug	63A - 400V
Inverter	3 x 48V/15000VA
Battery charger	28.8kW

Alternator

Model	Stamford - UCI274C
Rated output	60kVA
Frequency	50Hz
Voltage	400V
Insulation class	H
Degree of Protection	IP23

Engine

Model	KOHLER KDI - 3404TCR CAC
Fuel	Diesel
Engine speed	1500rpm
Noise level at 7mt	65dB(A)
Emissions regulations	STAGE 5

Consumption only engine mode

Tank capacity	700lt
Fuel consumption - Running time	11.4l/h - 61.4 hrs

Lithium Batteries

Battery	25,6V-280Ah
Batteries number	8
Battery Pack	51,2VDC-57.3kWh
Expected battery cycle	3500 - 80% DOD

Solar Panel

Power	4 x 360W
Type	Monocrystalline
Solar Panel deployment	electrical

Dimensions & Weight

Dimension	3335 x 2210 x 2268 mm
Weight	3700Kg

ON BOARD CONTROL PANEL EQUIPPED WITH:

DSE 7310 / COMAP MRS16	Fuel level monitor
ON/OFF switch	Emergency stop
Earth leakage circuit breaker	

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.



Distribution Panel

2x32A-400V + 2x63A-400V outlet socket
1x63A-400V inlet plug
1x32A RVS inlet plug for additional solar panel

Standard Features

Main circuit breaker	Victron Smart Solar MPPT 150/35
Earth leakage relay	Spark arrestor
Emergency stop	Lockable control panel
Built in fuel tank c/w 3 ways valve	Digital tank float
MG Master safety and control unit for the battery system	Cerbo GX Touch 50 monitoring display controller c/w Cerbo GX communication-centre
Sides Forklift pockets	4G LTE Router
Exhaust gas silencer	4G Puck MIMO Omni Antenna
Soundproof canopy	Bunded tank with alarm

Continuous Inverter Output Power

45000VA

Overload (0,5 sec)

93750VA

Running Time with Constant Load from Batteries

15000W	3.1h
25000W	1.8h
35000W	1.3h

Recharging time - Power requested

2.0h	38.4kW
Max Loading during recharging time	17.6kW