

SOLAR HYBRID LINE

MGTP 30000/60 THS LITHIUM 3P

T-ZERO^{PRO}

POWER & INNOVATION



KOHLER



1500 RPM



DIESEL



WATER cooled



SINGLE phase



THREE phase



SOLAR HYBRID technology



LITHIUM battery

STAGE 5
CERTIFIED

MGTP 30000/60 THS LITHIUM 3P

Code **RP313-30TS4**

Features

| | |
|-----------------|------------------------------------|
| Outlet socket | 2 x 32A - 400 V 2 x 63A - 400 V |
| Inlet plug | 32A - 400V |
| Inverter | 3 x 48V/10000VA |
| Battery charger | 20.2kW |

Alternator

| | |
|----------------------|--------------------|
| Model | Stamford - UCI224G |
| Rated output | 60kVA |
| Frequency | 50Hz |
| Voltage | 400V |
| Insulation class | H |
| Degree of Protection | IP23 |

Engine

| | |
|-----------------------|-----------------------|
| Model | KOHLER KDI - 2504 TCR |
| Fuel | Diesel |
| Engine speed | 1500rpm |
| Noise level at 7mt | 65dBA |
| Emissions regulations | STAGE 5 |

Consumption only engine mode

| | |
|---------------------------------|-------------------|
| Tank capacity | 700lt |
| Fuel consumption - Running time | 8.3l/h - 84.3 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 | 3200Kg |

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

| |
|---------|
| 30000VA |
|---------|

Overload (0,5 sec)

| |
|---------|
| 75000VA |
|---------|

Running Time with Constant Load from Batteries

| | |
|--------|------|
| 10000W | 4.6h |
| 15000W | 3.1h |
| 20000W | 2.3h |

Recharging time - Power requested

| | |
|------------------------------------|--------|
| 2.8h | 26.9kW |
| Max Loading during recharging time | 21.1kW |