SOLAR
HYBRID LINIE

STAGE 5
CERTIFIED

designed and created
for your needs

67 KVA
combined power

8h run time

4 x 360W
extendable solar panels

Designed to provide an exceptional level of performance for every work on site ensuring the right balance between power and ease of use



MGTP
30000/60 THS

T-ZERO PRO

more sustainable
and environmentally
friendly future

TRIME®
Power Division

SOLAR
HYBRID LINE

MGTP
30000/60 THS

T-ZERO PRO



single phase

three phase

REDUCTION emissions CO_2

APPLICATIONS

Constructions

Mining operations

Events

Military applications

FEATURES

- MRS 16 controller
- 5" Touch monitoring display controller
- Communication-centre device
- 48V/1000A BMS to protect the batteries
- 4G/GPS Antenna + Modem
- **Remote telemetry & management**
- Auto recharge of the batteries
- Automatic peak shaving mode
- Sides forklift pockets & Central lifting hook
- Lockable control panel
- Main circuit breaker & Earth leakage relay
- Emergency Stop button
- Bunded tank
- 3-way valve for external tank
- Battery switch

Solar Panels	
Power (W)	**360**
Q.ty	**4**
Type	**Monocrystalline**
Tilting	**Electric**
Solar charger	**MPPT 150/35**

Code	**RP313-30TS8S**
Dimensions	
L x W x H (mm)	**3335x2210x2268**
Weight (Kg)	**3150**
Technical Data	
Continuous power (VA)	**30000**
Battery pack capacity (Wh)	**62259**
Capacity available DOD 80% (Wh)	**49807**
Voltage (V)	**230/400**
Frequency (Hz)	**50**
Inverter	
Nominal power (VA)	**10000**
Q.ty	**3**
System voltage (V)	**48**
Max charging current (A)	**140**
Batteries	
Type	**LiFePO4**
Q.ty	**8**
Nominal Voltage (V)	**25,6**
Nominal Capacity (Ah)	**304**
Cycle Life DOD 80%	**>4000**
Engine	
Brand	**Kohler**
Model	**KDI2504TCR**
Speed	**1500**
Cooling system	**Water**
Emission	**Stage V**
Fuel Tank (l)	**700**
Alternator	
Brand	**Linz**
Model	**PRO 22S C/4**
Rated output (kVA)	**85**
Frequency (Hz)	**50**
Power factor (cos ϕ)	**0,8**
Distribution panel	
Inlet Plug	**1x 63A-400V**
Outlet Sockets	**1x 63A-400V** **1x 32A-400V** **1x 16A-230V**
Performances	
Running time on batteries (h) 25% load	**8,0**
Running time on batteries (h) 50% load	**4,0**
Running time on batteries (h) 75% load	**2,5**
Recharge time from engine (h)	**5**
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	

solar hybrid technology

easy handling & transportability

TRIME®

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