

SOLAR
HYBRID LINE

power
and innovation

STAGE 5
CERTIFIED

98 KVA
combined power

5,5h run time

4 x 360W
extendable solar panels

designed and created
for your needs

MGTP
45000/60 THS

T-ZERO^{PRO}

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



more sustainable
and environmentally
friendly future

 **TRIME**[®]
Power Division

MGTP 45000/60 THS

T-ZERO^{PRO}



**REDUCTION
emissions** CO₂

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

SOLAR HYBRID LINE

Code	RP313-45TS9S
Dimensions	
L x W x H (mm)	3335x2210x2268
Weight (Kg)	3700
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
Outlet Sockets	1x 63A-400V
	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
Available optional	
RSV 32A plug + MPPT solar charger for external solar panels	
Mat heating system for batteries to work in cold ambients	
Intelligen 500 controller c/w remote check & management and CO2-Fuel savings calculator	

**solar hybrid
technology**



easy handling & transportability



TRIME®

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