

SOLAR
HYBRID LINE

power
and innovation

STAGE 5
CERTIFIED

15 kVA
combined power

6h run time

4 x 40W
solar panels

designed and created
for your needs

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

MGTP
8000/12 THS



more sustainable
and environmentally
friendly future

 **TRIME**[®]
Power Division

MGTP

8000/12 THS



REDUCTION
emissions CO₂

APPLICATIONS



Constructions



Road works



Films set



Events

FEATURES

- ✓ DSE 3110 controller
- ✓ 5" Touch monitoring display controller
- ✓ Communication-centre device
- ✓ 48V/400A 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) | 40 |
| Q.ty | 4 |
| Type | Monocrystalline |
| Tilting | Electric |
| Solar charger | MPPT 150/35 |

SOLAR HYBRID LINE

| | |
|---|----------------|
| Code | RP47-8MS12S |
| Dimensions | |
| L x W x H (mm) | 1700x1066x1450 |
| Dray weight (Kg) | 920 |
| Technical Data | |
| Continuous power (VA) | 8000 |
| Battery pack capacity (Wh) | 11776 |
| Capacity available DOD 80% (Wh) | 9421 |
| Voltage (V) | 230 |
| Frequency (Hz) | 50 |
| Inverter | |
| Nominal power (VA) | 8000 |
| Q.ty | 1 |
| System voltage (V) | 48 |
| Max charging current (A) | 110 |
| Batteries | |
| Type | LiFePO4 |
| Q.ty | 2 |
| Nominal Voltage (V) | 25,6 |
| Nominal Capacity (Ah) | 230 |
| Cycle Life DOD 80% | >4000 |
| Engine | |
| Brand | Kubota |
| Model | D1105 |
| Speed | 1500 |
| Cooling system | Water |
| Emission | Stage V |
| Fuel Tank (l) | 200 |
| Alternator | |
| Brand | Linz |
| Model | PRO 18S A/4 |
| Rated output (kVA) | 20 |
| Frequency (Hz) | 50 |
| Power factor (cos φ) | 0,8 |
| Distribution panel | |
| Inlet Plug | 1x 32A-230V |
| Outlet Sockets | 1x 32A-230V |
| | 1x 16A-230V |
| Performances | |
| Running time on batteries (h) 25% load | 6,0 |
| Running time on batteries (h) 50% load | 3,0 |
| Running time on batteries (h) 75% load | 2,0 |
| Recharge time from engine (h) | 3,5 |
| Available options | |
| MC4 connectors + MPPT solar charger for external solar panels | |
| Mat heating system for batteries to work in cold ambients | |

solar hybrid
technology



easy handling & transportability



TRIME®

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