



BOSTOOLS.NL

HYBRID LINE

**designed and created
for your needs**

**power
and innovation**

6h run time

**remote
telemetry**



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 TH**



**more sustainable
and environmentally
friendly future**



TRIME[®]
Power Division



MGTP 8000/12 TH



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

hybrid
technology



HYBRID LINE

| | |
|---|----------------|
| Code | RP47-8MS12 |
| Dimensions | |
| L x W x H (mm) | 1700x1066x1450 |
| 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 | |



easy handling & transportability

