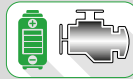


HYBRID LINE

MGTP 8000/12 TH

T-ZERO PRO
POWER & INNOVATION

STAGE 5
CERTIFIED



HYBRID
technology



LITHIUM
battery



Kubota



1500
RPM



WATER
cooled



DIESEL



SINGLE
phase

Combined Power
15kVA

Run Time
6h

| MGTP 8000/12 TH | |
|---------------------------------|------------|
| Code | RP47-8MS12 |
| 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 |

| Standard Features | |
|--|---|
| DSE 3110 controller | Sides forklift pockets & Central lifting hook |
| 5" Touch monitoring display controller | Lockable control panel |
| Communication-centre device | Main circuit breaker & Earth leakage relay |
| 48V/400A BMS to protect the batteries | Emergency Stop button |
| 4G/GPS Antenna + Modem | Bunded tank |
| Remote telemetry & management | 3-way valve for external tank |
| Auto recharge of the batteries | Battery switch |
| Automatic peak shaving mode | |

| Available optionals | |
|---|--|
| MC4 connectors + MPPT solar charger for external solar panels | |
| Mat heating system for batteries to work in cold ambients | |

| Dimension | |
|-----------------|------|
| Length (mm) | 1700 |
| Width (mm) | 1066 |
| Height (mm) | 1450 |
| Dry weight (Kg) | 920 |

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.