

designed and created
for your needs

power
and innovation

STAGE 5
CERTIFIED

15 kVA
combined power

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

T-ZERO^{PRO}



more sustainable
and environmentally
friendly future

TRIME[®]
Power Division

MGTP 8000/12 TH

T-ZERO^{PRO}



REDUCTION
emissions 

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 ($\cos \phi$)	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 optionals	
MC4 connectors + MPPT solar charger for external solar panels	
Mat heating system for batteries to work in cold ambients	



easy handling & transportability



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