power
and innovation

STAGE 5
CERTIFIED

32 kVA
combined power

6,5h run time

4 x 40W
solar panels

designed and created
for your needs
speed 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
15000/24 THS

T-ZERO PRO
MGTP 15000/24 THS

TRIME
Power Division

more sustainable
and environmentally
friendly future

TRIME®
Power Division

MGTP
15000/24 THS

single phase

three phase

REDUCTION emissions CO_2

APPLICATIONS

Constructions

Road works

Films set

Events

FEATURES

- DSE 3110 controller
- 5" Touch monitoring display controller
- Communication-centre device
- 48V/600A 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**

Code	RP117-15TS8S
Dimensions	
L x W x H (mm)	2180x1222x1585
Dray weight (Kg)	1470
Technical Data	
Continuous power (VA)	15000
Battery pack capacity (Wh)	23552
Capacity available DOD 80% (Wh)	18842
Voltage (V)	230/400
Frequency (Hz)	50
Inverter	
Nominal power (VA)	5000
Q.ty	3
System voltage (V)	48
Max charging current (A)	70
Batteries	
Type	LiFePO4
Q.ty	4
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	230
Cycle Life DOD 80%	>4000
Engine	
Brand	Yanmar
Model	4TNV88
Speed	1500
Cooling system	Water
Emission	Stage V
Fuel Tank (l)	320
Alternator	
Brand	Linz
Model	PRO 18M E/4
Rated output (kVA)	42
Frequency (Hz)	50
Power factor (cos φ)	0,8
Distribution panel	
Inlet Plug	1x 32A-400V
Outlet Sockets	1x 32A-400V
	1x 16A-400V
	1x 16A-230V
Performances	
Running time on batteries (h) 25% load	6,5
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	

solar hybrid technology

easy handling & transportability