

BATTERY  
PACKS LINE

power  
and innovation



MGTP  
90000/125 BP-T

remote  
telemetry



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



more sustainable  
and environmentally  
friendly future



**TRIME**<sup>®</sup>  
Power Division

# MGTP

## 90000/125 BP-T

BATTERY  
PACKS LINE



**ZERO**  
CARBON EMISSION



**100%**  
BATTERY



first unique battery driven

### APPLICATIONS



Constructions



Films set



Events

### FEATURES

- ✓ 7" Touch monitoring display controller
- ✓ Communication-centre device
- ✓ **48V/1000A BMS + Distributor to protect the connected batteries**
- ✓ **4G/GPS Antenna + Modem**
- ✓ **2x MC4 connectors + MPPT solar charger for external solar panels**
- ✓ Mat heating system for batteries to work in cold ambients
- ✓ **GAS and FIRE control unit**
- ✓ Signal Lamp
- ✓ 16A-230V plug for 24V System recharge and mat heating system
- ✓ 24V Auxiliary System
- ✓ Water connection for firefighters
- ✓ **Remote telemetry & management**
- ✓ Auto recharge of the batteries from external generator
- ✓ Automatic peak shaving mode
- ✓ **Sides forklift pockets & Central lifting hook**
- ✓ Lockable control panel
- ✓ Main circuit breaker & Earth leakage relay
- ✓ Emergency Stop button

**power**  
and innovation

Code	BP432-90TS1
<b>Dimensions</b>	
L x W x H (mm)	2390x1996x2376
Weight (Kg)	3620
<b>Technical Data</b>	
Continuous inverter output power (VA)	90000
Overload 0,5s (W)	150000
Battery pack capacity (Wh)	124518
Capacity available DOD 80% (Wh)	99614
Voltage (V)	400
Frequency (Hz)	50
<b>Inverter</b>	
Nominal power (VA)	15000
Q.ty	6
System voltage (V)	48
Max charging current (A)	1200
<b>Batteries</b>	
Type	Lithium
Q.ty	16
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	304
Cycle Life DOD 80%	> 4000
<b>Distribution panel</b>	
Inlet Plug	1x125A-400VCEE + Powerlock + Hardwire
Outlet Sockets	1x125A-400V CEE + 1x 63A-400V CEE + 1x 32A-400V CEE + 1x 16A-230V CEE + Hardwire
Auto start connection cable	Standard
<b>Performances</b>	
Running time (h) 25% load	5,5
Running time (h) 50% load	3
Running time (h) 75% load	1,5
Recharge time (h)	2,54
Recommended generator size (kVA)	110

**battery**  
technology



**easy handling & transportability**



**TRIME®**

Sales Dept. +39 0382 406 252 - [www.trime.it](http://www.trime.it) - [info@trime.it](mailto:info@trime.it)

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.