

BATTERY
PACKS LINE

power
and innovation



MGTP45000/90 BP PGS



**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

45 kVA
output **power**

8,5h run time

**more sustainable
and environmentally
friendly future**

 **TRIME**[®]
Power Division



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FEATURES

PGS 37.2 Compliant

Modem 955 EMEA Model for VRM and Comap Communication

Comap controller for PGS

2 x 50 A Victron Plug for external solar panels

MPPT 250 / 100 for external solar panel

2x 50 A Plug Adapter to 2XMC4 connectors Pet Plug

Mat heating system for batteries to work in cold ambients

RAL 5017 heavy duty paint (con lamiera skinpassata)

5" Touch monitoring display controller

Communication-centre device (Cerbo GX)

Document holder including all documents All documents delivered digital version at the delivery

- ✓ Dip tray ball valve
- ✓ Earth pin at distribution box
- ✓ Earthing Spike (puntazza di messa a terra) with sleeve (con alloggiamento)
- ✓ 4G/GPS Antenna + Modem
- ✓ Remote telemetry & management
- ✓ Auto recharge of the batteries (SOC)
- ✓ Automatic peak shaving mode (AC Load)
- ✓ Sides forklift pockets & Central lifting hook
- ✓ Stackable (max 2 units)
- ✓ Lockable control panel
- ✓ Main circuit breaker & Earth leakage relay
- ✓ Emergency Stop button
- ✓ Auto start cable connector
- ✓ CM-80 T5N GAS and Fire control panel
- ✓ Water connection for Firefighters for PGS 37.2
- ✓ 16A - 230 V plug for 24V System recharge and mat heating system for PGS 37.2
- ✓ 24V Auxiliary System

Code	BP431-45TS1
Dimensions	
L x W x H (mm)	2390X1580X2260 mm
Weight (Kg)	2610 kg
Technical Data	
Continuous power (VA)	45000
Overload 0,5s (W)	75000
Battery pack capacity (Wh)	93389
Capacity available DOD 80% (Wh)	74711
Voltage (V)	230/400
Frequency (Hz)	50
Inverter	
Nominal power (VA)	15000
Q.ty	3
System voltage (V)	48
Max charging current (A)	200
Batteries	
Type	LiFePO4
Q.ty	12
Nominal Voltage (V)	25.6
Nominal Capacity (Ah)	304
Cycle Life DOD 80%	>4000
Distribution panel	
Inlet Plug	Hardwire 400V inlet 1x16A 230V
Outlet Sockets	1x400V Hardwire
	1x125A 400V + 1x32A 400V
	1x125A 400V with CB
	1X63A 400V with CB
	1X32A 400V with CB
Performances	
Running time (h) 25% load	8,5 h
Running time (h) 50% load	4 h
Running time (h) 75% load	2,5 h
Recharge time (h)	3,5 h
Recommended generator size (kVA)	55 kVA
Available options	
Mat heating system for batteries to work in cold ambient	

battery
technology



easy handling & transportability



TRIME®

Sales Dept. +39 0382 406 252 - www.trime.it - info@trime.it

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