

Portable emergency unit

FP2 24V-48V -60V / 2kW-3kW



Compact, Robust and Easy to Handle

The Portable Emergency Unit is designed to be used in situations with main DC power failure, system replacement, battery replacement or maintenance. Its easy handling, durability and many configuration options should make this unit a must to all service staff.

General description

The Portable Emergency Unit is configurable with up to four Flatpack2 24V, 48V or 60V modules and one Smartpack controller. All housed in a hard case with removable lids in back and front for maximum protection during transport. By removing the lids you have easy access to connections, modules, MCB and controller. Individual AC input feed and one protected DC output provides multiple connection options.

Applications

Typically used by Telecom service staff in situations like:

- maintenance
- replacing batteries or systems
- failure on DC power

Key features

- Easy to handle
- Robust
- Configurable with all flatpack2 24v, 48v and 60v
- Output power from 2kw to 12kw
- Smartpack controller
- Individual AC input feed
- DC output busbars with lug connections
- One negative DC output protected by 150A MCB
- Extension alarm card

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Technical specifications	
Model	Portable Emergency Unit
Part number	M204EP.000 ¹⁾

Input data	
Voltage	85-300 V _{AC} single phase (individual feed); 230 V _{AC} 3 phase IT network; 230/400 V _{AC} 3 phase TN network
Connections	Individual feed by terminal blocks 10mm ²
Current (maximum)	See datasheet for selected modules
AC upstream fuse (not included)	See Quick Start Guide for selected modules

Output data	FP2 2kW	FP2 3kW
Voltage	24/48/60 V _{DC}	48 V _{DC}
Power (maximum)	8kW	12kW
Current (maximum)	250A	
Connections	Busbars with 8mm ² cable lugs	
Protection	One output (negative) protected by 150A MCB (See datasheet for selected modules)	

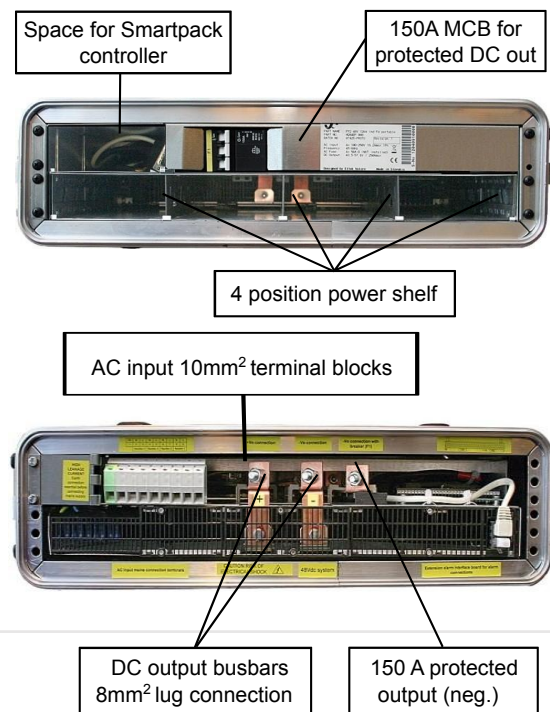
Other specifications	
Controller	Smartpack (242100.110) ²⁾
Alarm	Alarm card Extension
Weight	12 kg (26,5 lbs) without modules
Dimensions[WxHxD]	530 x 140 x 510mm (21,0 x 5,5 x 20,25")

Design standards	
Electrical safety	See datasheet for selected modules
EMC	See datasheet for selected modules
Environment	See datasheet for selected modules

Hard case with removable lids



Easy accessibility



1) Modules not included

2) Controller set to 48V as default, change settings for other voltages

Specifications are subject to change without notice