

Data sheet

PowerRouter Connect

The expansion module



For later system expansion.

The PowerRouter Connect is an expansion module for energy storage. Together with the PowerRouter Solar, it forms a complete solar storage system.



- » Expansion module
- » Battery Manager
- » Energy management
- » Backup power feature
- » Easy installation (plug & play)
- » Connection of 48 Vdc lithium-ion batteries

PowerRouter
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Technical data

Order number	PRE-Bi/48
48 Vdc Li-ion Batteries	3.0 – 5.0 kW
Battery voltage range (Vout)	42 – 56 Vdc
Charging current	0 – 75 A
Short circuit protection	electronic, at max. charging current, switch-off < 1 sec.
Compatibility	list of suitable batteries can be found at www.PowerRouter.com
General	
Operating temperature range	-10 °C to +50 °C (Power reduction to maintain safe working conditions)
Storage temperature	-40 °C to +70 °C
Air humidity	maximum 95%, non-condensing
Legal permits and standards	CE
Warranty	5 years (optional: extension to 10 years)
Mechanics	3.0 – 5.0 kW
Dimensions (WxHxD)	330 x 502 x 149 mm
Protection category	for indoor use (IP20)
Weight	9.4 kg
Topology	galvanically isolated transformer
Cooling	controlled air cooling