



Ideal for a wide range of residential applications and emergency back-up use.



PowerBox



PowerCube 2.0



PowerCube mini

Key Features



Safety

- 10-year warranty
- Passes strict safety regulations (TÜV, SAA, CE, RoHS)



System Diversity

- IP55 for covered outdoor installation
- Ideal for both new and retrofit projects
- Compatible with mainstream inverters on the market



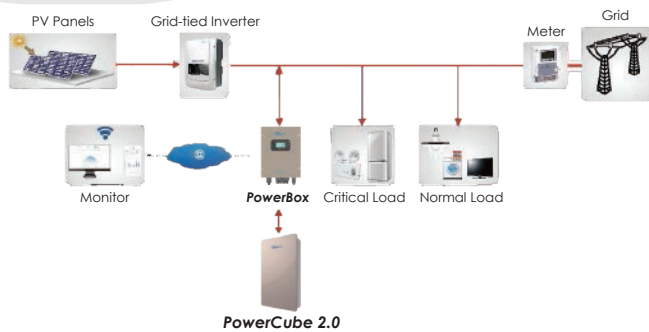
Flexible Installation

- Wall mounted/pedestal 2 points support
- Easy installation with 1 man 2 hours
- Compact size

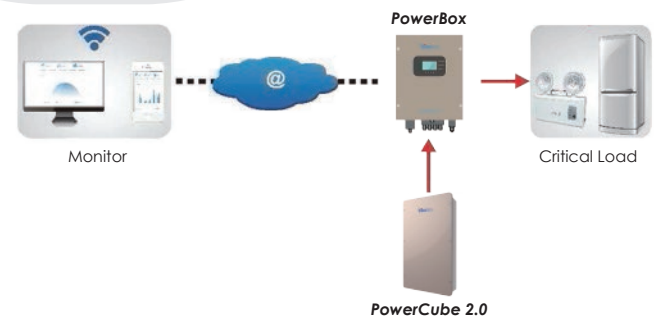
TECHNICAL DATA

Model	PowerCube mini	PowerCube 2.0
Nominal Voltage	48 V	48 V
Nominal Capacity	100 Ah	150 Ah (3 battery packs) / 200 Ah (4 battery packs)
Energy Capacity	4.8 kWh	7.2 kWh (3 battery packs) / 9.6 kWh (4 battery packs)
Standard Charging&Discharging Current	50 A	75 A (3 battery packs) / 100 A (4 battery packs)
Interface	CAN, RS485	CAN, RS485
Working Temp	-10 °C ~ 50 °C	-10 °C ~ 50 °C
Storage Temp	-25 °C ~ 60 °C	-25 °C ~ 60 °C
Round-trip DC Efficiency	92.5 %	92.5 %
Dimension (W x H x D)	600 x 530 x 210 mm	600 x 1000 x 210 mm
Weight	65 kg	app. 95 kg (3 battery packs) / 120 kg (4 battery packs)
Protection Level	IP 55	IP 55
Warranty	10 years	10 years

On Grid Mode



Back Up Mode



Model	PowerBox
Power Rating	3 kW
Surge Power Rating	1.5 * P _{nom} , 10 s; 1.2 * P _{nom} , 30 s
Rated Output Voltage	230 V
Maximum Output Current	13 A
Output Voltage Range	180 - 270 V
Grid Frequency	44 ~ 55 Hz / 54 ~ 66 Hz
THD	< 3 %
Power Factor	1 (selectable +/-0.8)
Output Type	Single Phase
Max Charging Efficiency	94.5 %
Max Discharging Efficiency	94 %
Standby Power	< 5 W
Topology	High Isolation Transformer
Protection Class	IP 65
Protections	Anti-islanding, Current leakage detection, Ground-fault detection
Certifications	AS4777, VDE0126-1-1, G83-2, RD1699, UTEC15-712-1, EN50438, VDE-AR-N4105
Communications	WiFi, RS485, CAN2.0
Ambient Temperature	-25 ~ +60
Humidity	0 ~ 95 %
CT Connection Mode	External
Noise Levels	< 25 dB
Weight	16 kg
Cooling Method	Natural Cooling
Dimension (W x H x D)	360 x 532 x 173 mm
Display	LCD
Warranty	5 Years (10 years optional)

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.