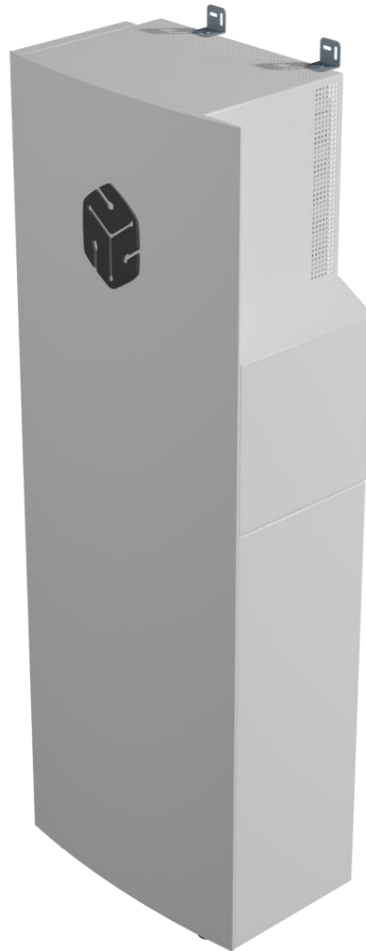


DATA SHEET

Sunbox Split Phase Series 10.0



BACK-UP SYSTEM & PEAK SHAVING ALL-IN-ONE



PLUG & PLAY



REDUCED INSTALLATION TIME



Technical data

Input data DC

Max. DC power	15,000W
PV voltage range	120-500V
MPPT working range	120-500V
Startup voltage	120V
N° MPPTs	4
Maximum input current	14A*4
Maximum Short-Circuit current	22A
Strings per MPPT	1/1

AC Output (Self-consumption with grid/Off-grid)

Rated power	10,000W
Maximum power	11,000W
Peak Power (Off-grid)	15,000W
Maximum Backup power	10,000W
Output Voltage	120/240V
Grid voltage	Split phase
Rated output current	41.7A
Grid Frequency	50/60Hz
Harmonic distortion	THD<3% AC Output ;<2% EPS

Battery data

Capacity	5.1kWh / 20.48 kWh
Usable capacity	4.60kWh / 18.6 kWh
DoD	90%
Cycles at 90% DoD	>6,000
Cells	Metal Can
Type of technology	LiFePO4
Battery voltage range	40-60V
Max. Charge/discharge current	190A/210A

DC Protections

8x Fuse holder and fuse 1000V/20A	Integrated
4x Surge protection 1500V	Integrated

AC Protections

4x Circuit Breaker 3P, 50A	Integrated
Manual Changeover 4P, 63A	Integrated

General Data

Communication with the portal	Wi-Fi
User interface	APP
Weight	≈160 kg (without batteries)
Dimensions (width*height*depth)	≈660 x 1940 x 430 mm

Certificates

Inverter	UL 1741, UL 1699, UL 1998
Battery	UL 9540A, UL1973
Sunbox	UL 9540, UL 9540A, UL 5500



CAUTION: READ THE INSTRUCTION AND INSTALLATION MANUAL BEFORE USING THE PRODUCT

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The specifications of the data sheet can be changed without prior notice.

