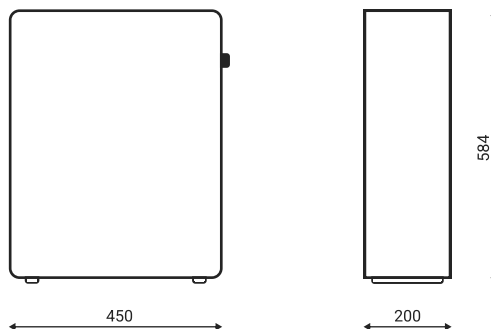




Specification

SM-30-B0

Nominal Energy	2,56 kWh
Integrated Metering Technology¹	SolBrain®
Battery Function	Bidirectional (Charge & Discharge)
Battery Type	LiFePO4 (Lithium-Iron-Phosphat)
Battery Voltage	51.2 V
Capacity	50 Ah
Depth of Discharge	90 %
Nominal Voltage	230 Vac
Nominal Frequency	50 Hz
Max Grid Output Power	800 VA
Max Backup Output Power	2500 VA
Max Grid Input Power	2500 VA
Max Solar Input Power	800 VA
Power Factor	>0,99
Ingress Protection	IP65
Protective Class	1
Overvoltage Category	DC II /AC III
Operating Ambient Temperature²	-20 bis +55 °C
Maximum Elevation	2000 m
Communication	WiFi (2,4 GHz, 5 GHz)
User Interface	SolMate App, LED
Dimensions	450 x 584 x 200 mm
Weight	43 kg
Warranty	10 years
Lifetime	>6000 cycles to 80%
Certifications	VDE 4105 (grid interconnection DE/AT) CE (EMC, RED, LVD, RoHS, REACH & WEEE)

¹ Patented, built-in software for real-time measurement of the total electrical load on all three phases in a household.

² Power may be affected at temperatures below 0°C and above 40°C.