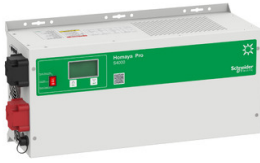


Product datasheet

Specifications



Solar off-grid inverter, Homaya Pro S4000, 4kW

AEH-SP01-S4000

Main

Range of product	Homaya
Product or component type	Inverter
Network number of phases	1 phase
Maximum rated power in VA	4000 VA
Battery voltage	48 V
selection modes	Battery priority mode operation Grid priority mode operation
Battery type	Tubular Flat plate Gel VRLA LFP

Complementary

Photovoltaic power	3000 W
Output voltage	230...240 V1 phase
Number of MPPT	1
frequency	50 Hz 60 Hz
Efficiency	91 %
Display type	LCD
Communication interface	RS485-1 (for BMS (LFP battery))
Device mounting	Wall mounted Table mounted
Height	563.5 mm
Width	264 mm
Depth	183.3 mm
Net weight	28 kg
marking	CE ROHS

Environment

IP degree of protection	IP20
Ambient air temperature for operation	-15...40 °C

Standards	IEC 62109-1 IEC 62109-2 IEC 62040-2
Operating altitude	2000 m
Relative humidity	5...95 %
Product certifications	SONCAP

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	30.5 cm
Package 1 Width	38.5 cm
Package 1 Length	68.0 cm
Package 1 Weight	30.0 kg
Unit Type of Package 2	P12
Number of Units in Package 2	9
Package 2 Height	105.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	302.0 kg