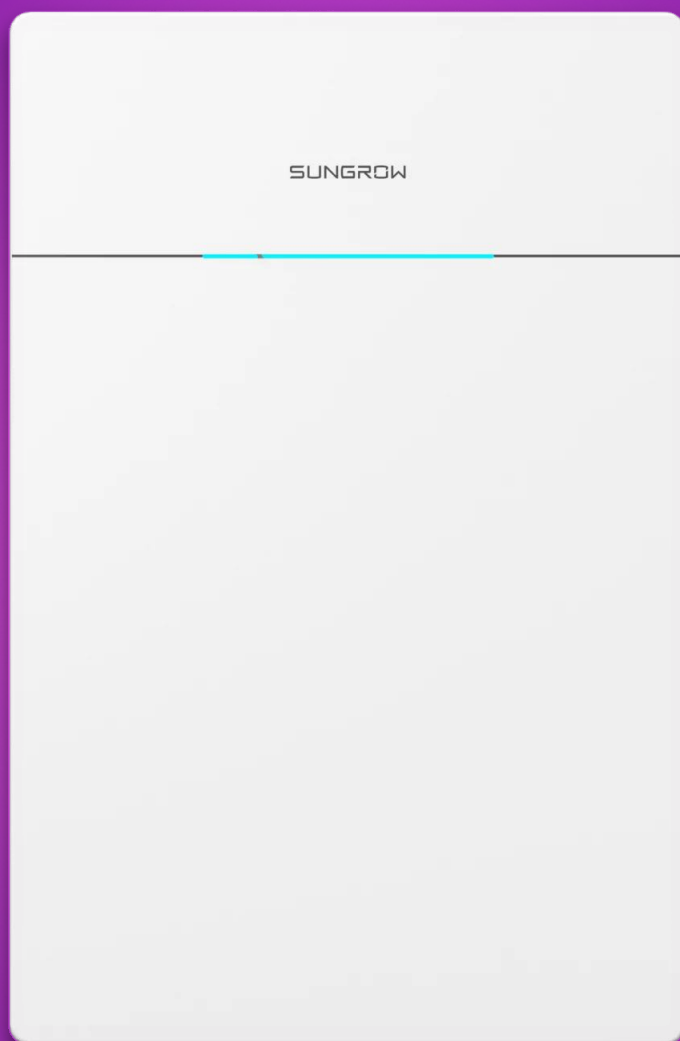


**1KOM
MA5°**

SUNGROW

THUISBATTERIJ SBS050



Technical properties		SBS050
System data		
Battery type		LiFePO4 Prismatic Cell
Battery module		5.12 kWh
Nominal voltage		102.4 V
Operating voltage		86.4 V - 116.8 V
Rated charging/discharging current: continuous		30 A (charging) / 50 A (discharging)
Max. charging/discharging current *		50 A (charging) / 50 A (discharging)
Depth of discharge		Max. 100 % DOD (settable)
Display		SOC indicator, Status indicator
Communication interface		CAN
Protection		
Over/under voltage protection		Yes
Over current protection		Yes
Over/under temperature protection		Yes
DC breaker		Yes
General data		
Dimensions (W*H*D)		515 mm * 780 mm * 182 mm
Weight		58 kg
Installation location		Indoor / Outdoor
Mounting method		Floor stand / Wall-mounted
Operating ambient temperature range		Charge : 0 °C - 55 °C Discharge : -20 °C - 55 °C
Degree of protection		IP65
Allowable relative humidity range		0 % - 95 % no condensing
Max. operating altitude		Max. 2000 m
Cooling method		Natural convection
Certificates		UN 38.3, IEC 62619

* Max. charging/discharging current is 30A in combination with SH3.0-6.0RS V11/V13