



preliminary



SMA Home Storage

Ease of installation. Long lifetime. Seamless integration.



Future-proof electricity storage system

- Developed for intensive use
- Ready for future, like dynamic tariffs and virtual power plants (VPP)
- Integrated black start function for back-up supply (when combined with the SMA hybrid inverter)
- 8000 life cycles and 10 years of warranty¹⁾

Easy installation, fast commissioning

- Plug and play solution, including automatic commissioning
- Preassembled cables for an easy installation
- Expandable capacity possible within 2 years

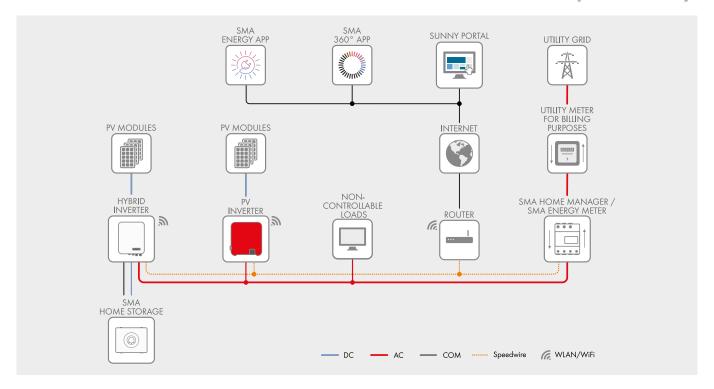
Unmatched flexibility

- Compatible with SMA's hybrid inverters
- Slim, stackable design that can be scaled from 3.2 kWh to 16.4 kW
- Floor, wall or back-to-back mounting
- Outdoor installation possible (Protection class IP65)

The SMA Home Storage Solution allows homeowners to unlock the full potential of sustainable energy. Integrating the SMA Home Storage battery makes the modular solution complete: everything from a single source. It perfectly complements SMA's hybrid inverters enabling energy solutions of today and tomorrow.

Whether during times of low solar irradiation or the highs of midday - the SMA Home Storage can store solar power and make it available as needed.

It offers flexible scalability to be adapted to individual needs and has an especially long lifetime of around 8000 charging cycles. With the SMA Home Storage, homeowners are making a conscious choice for quality and additional security with the 10-year warranty¹⁾.



Technical data	SMA Home Storage 3.2	SMA Home Storage 6.5	SMA Home Storage 9.8	SMA Home Storage 13.1	SMA Home Storage 16.4
Electrical					
Usable energy capacity ¹⁾	3.28 kWh	6.56 kWh	9.84 kWh	13.12 kWh	16.40 kWh
Nominal voltage	96 V	192 V	288 V	384 V	480 V
Operating voltage range	90 V to 108 V	180 V to 216 V	270 V to 324 V	360 V to 432 V	450 V to 540 V
Max. charging / discharging current			36 A		
General data					
Dimensions ²⁾ (W/H/D)	610 × 483 × 214.6 mm	610 × 969 × 214.6 mm	610 × 1455 × 214.6 mm	2 × (610 × 969 × 214.6) mm	(610 × 1455 × 214.6 mm) and (610 × 969 × 214.6 mm)
Weight	38 kg	76 kg	114 kg	152 kg	190 kg
Operating temperature range	-10°C to 50°C				
Noise emission, max.	TBD				
Self-consumption (at night) per module	2 W				
Degree of protection (according to IEC 60529) Max. permissible value for relative humidity (non-con-	IP 65 5% to 95%				
densing)					
Cell technology	Lithium Iron Phosphate (LiFePO4)				
Efficiency			94.5%		
Battery efficiency Protective devices			94.5%		
			•		
Input-side disconnection point DC reverse polarity protection	•				
Overvoltage category battery / inverter	/				
Equipment			11 / 11		
DC connection	MC4				
Interface / Communication	RI45				
Communication protocols	SMA battery interface				
Warranty: 2/10 years	● / ● ³				
Certificates and permits (more available upon request)	CE, UN38.3, IEC62619, IEC 62477, VDE2510-50				
Compatible SMA products	STP-SE (SMA Home Storage 6.4 to 16.0), SB-SE (SMA Home Storage 3.2 to 12.8)				
Companies of the production	on or formationic didage of the total, or or formationic didage of the transfer				
Accessories	Base unit for floor mounting (HS-BU-10), communication cable to STP-SE				
Type designation	HS-BM-3.28-10	2 x HS-BM-3.28-10	3 x HS-BM-3.28-10	4 x HS-BM-3.28-10	5 x HS-BM-3.28-10

[•] Standard equipment ○ Optional — Not available Data at nominal conditions "TBD" to be determined Last revised: 06/2023

¹⁾ Under specific test conditions (100% DOD, 0.2 C charge and discharge at +25 °C).

 $^{2) \} Dimensions \ for \ wall \ mounting. \ Dimensions \ with \ optional \ base \ unit \ can \ be \ found \ in \ the \ product \ manual.$

³⁾ Device registration via the SMA product registration at my.sma-service.com required within 30 days. The conditions of the SMA limited factory warranty apply. You can find additional information at SMA-solar.com.