



Declaration of equivalence for the purpose of CEI 0-21 compliance.

Supplier statement on the Manufacturer's Declaration "ZE_CEI021_STPxx-3SE-40_it_12.pdf" with regard to the reference (Model/Type) description in SMA battery equipment for STPxx-3SE-40 hybrid inverters family.

SMA hereby declares that the references: SMA Storage 6.5, SMA Storage 9.8, SMA Storage 13.1 and SMA Storage 16.4, are identical in construction including schematics, PCB layout and electronics components to the references: SMA Storage 6.4, SMA Storage 9.6, SMA Storage 12.8 and SMA Storage 16.0

Reference included in the certificate/manufacturer declaration	Equivalent Reference
SMA Storage 6.4	SMA Storage 6.5
SMA Storage 9.6	SMA Storage 9.8
SMA Storage 12.8	SMA Storage 13.1
SMA Storage 16.0	SMA Storage 16.4

The certification process with Certificate Registration No. A3 50615887 0001 was done according to the storage equipment included in the attached datasheet HS-BM-10-DS-en-10.pdf, in the meantime SMA updated the reference according to the attached datasheet HS-BM-10-DS-en-17.pdf. Technical data of both datasheets are the same and only further technical data are included in the last version (HS-BM-10-DS-en-17.pdf)

Niestetal, 2026-2-3

SMA Solar Technology AG

A handwritten signature in blue ink, reading "i.V. Sven Bremicker". The signature is fluid and cursive, with the initials "i.V." clearly visible at the start.

i. V. Sven Bremicker

Chief Engineer – Home & Business Solutions

preliminary



SMA Home Storage

Ease of installation. Long lifetime.
Seamless integrability.



Long-lasting and future-proof storage

- Engineered for intensive usage
- Ready for future solutions, like dynamic tariffs and VPP
- Backup ready with manual Black-Start Function*
- 8,000 lifecycles and 10 years warranty**

Easy installation, fast commissioning

- Plug & Play
- Pre-assembled cables for easy commissioning
- Expandable capacity from 3.2 to 16.4 kWh

Unmatched flexibility

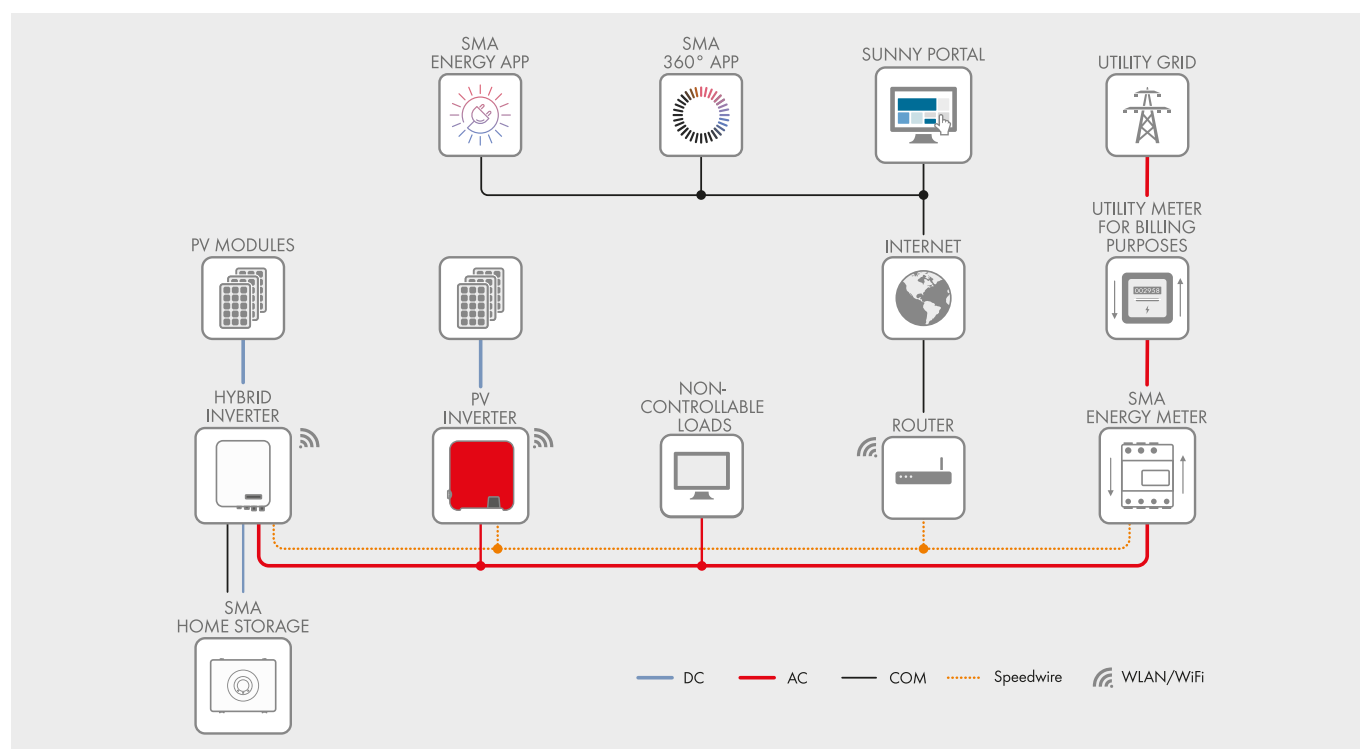
- Compatible with SMA's hybrid inverters
- Slim, stackable design, modularly extendable
- Mounting on the floor, wall or back to back
- Outdoor installation possible (Protection Class IP65)

The **SMA Home Energy Solution** allows homeowners to **unlock the full potential of sustainable energy**. Integrating the **SMA Home Storage** makes the modular solution complete: everything from one provider. It perfectly complements SMA's hybrid inverters enabling present and future solutions.

Installation of the SMA Home Storage is effortless, whether on the ground or against a wall. It scales smoothly between energy sectors and charges fast thus maximizing short periods of sunshine. Its slim and stackable design integrates with other SMA components in the modular SMA Home Solution, underscoring its seamless fit. SMA guarantees superior quality, durability, and a 10-year warranty for extensive usage.

*) With SMA Hybrid inverter

**) Registration of the Product in SMA Online Service Center within 30 days is required.



Technical data	SMA Home Storage 3.2	SMA Home Storage 6.4	SMA Home Storage 9.6	SMA Home Storage 12.8	SMA Home Storage 16.0
Electrical					
Usable Energy Capacity* [kWh]	3.28 kWh	6.56 kWh	9.84 kWh	13.12 kWh	16.40 kWh
Nominal Voltage [V]	96 V	192 V	288 V	384 V	480 V
Operating voltage range [V]	90 V – 108 V	180 V – 216 V	270 V – 324 V	360 V – 432 V	450 V – 540 V
Max. Charging / Discharging Current [A]	36 A				
General Data					
Dimensions** (W/H/D) [mm]	610 x 483 x 214.6 mm	610 x 969 x 214.6 mm	610 x 1455 x 214.6 mm	2 x (610 x 969 x 214.6) mm	(610 x 1455 x 214.6 mm) & (610 x 969 x 214.6 mm)
Weight ca. [kg]	38 kg	76 kg	114 kg	152 kg	190 kg
Operating temperature range [°C]	-10 °C ~ 50 °C				
Noise emission, max. [db]	xxx db				
Self-consumption (at night) per module	2 W				
Environmental protection rating	IP 65				
Climatic category for transportation / storage / operation	5 ~ 95 %				
Cell technology	Lithium Iron Phosphate (LiFePO4)				
Efficiency					
Battery efficiency	xxx %				
Protective devices					
Input-side disconnection point	●				
DC reverse polarity protection	●				
Protection class	I				
Overvoltage category battery / inverter	II / II				
Equipment					
DC connection	MC4				
Interface communication	RJ45				
Communication protocols	SMA Battery Interface				
Warranty: 2 / 10 / 15 / 20 years	● / ●*** / ○ / ○				
Certificates and permits (more available upon request)	CE, UN38.3, IEC62619, IEC 62477, VDE2510-50				
Country availability of SMA Smart Connected	AT, BE, CH, DE, NL, IT				
Compatible SMA Products	STP-SE (SMA Home Storage 6.4 to 16.0), SB-SE (SMA Home Storage 3.2 to 12.8)				
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 Last revised: 05 / 2023

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

**) Dimensions for wallmounting. Dimensions with optional base unit can be found in the product manual.

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



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)
- 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

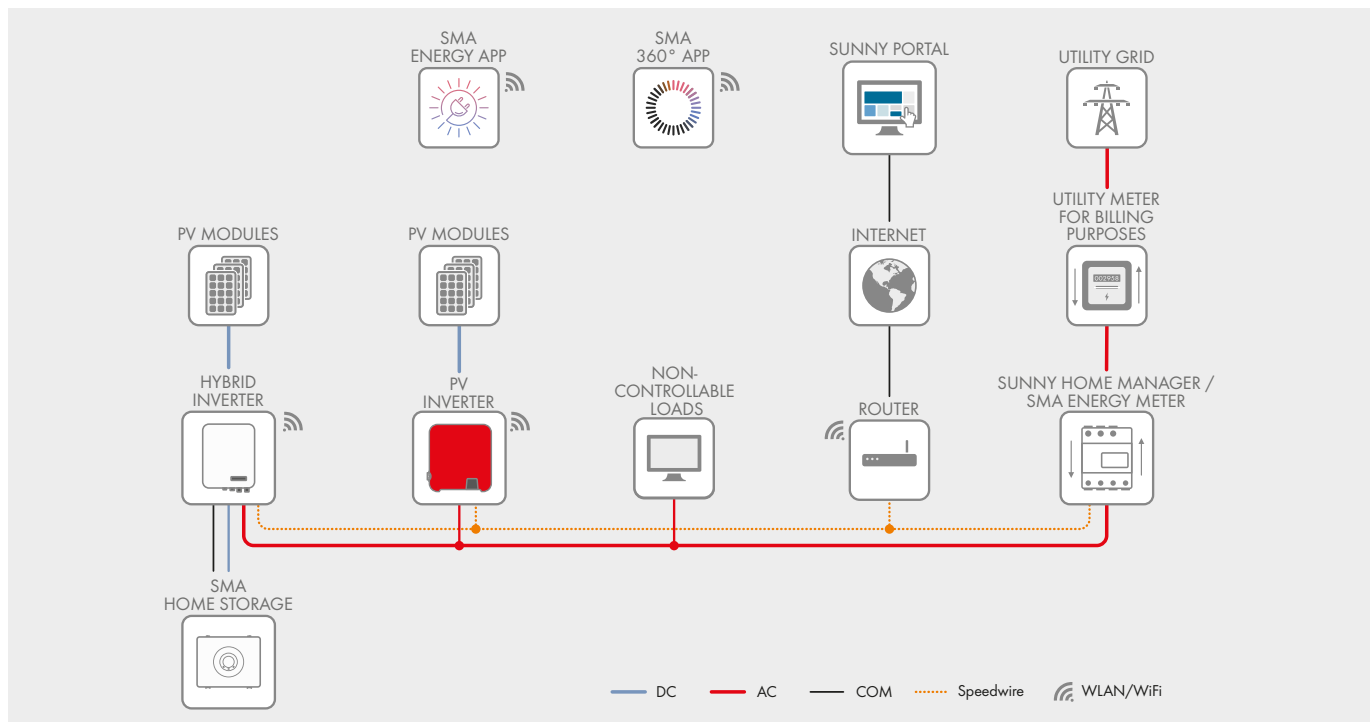
- Compatible with SMA's hybrid inverters
- Slim, stackable design that can be scaled from 3.2 kWh to 16.4 kWh
- Floor, wall or back-to-back mounting
- Outdoor installation possible (Protection class IP65)

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 mid-day – the SMA Home Storage can store solar power and make it available as needed.

It offers flexible scalability to be adapted to individual needs. With the SMA Home Storage, homeowners are making a conscious choice for quality and additional security with the 10-year warranty¹⁾.

¹⁾ Device registration via the SMA product registration at my.sma-service.com required within 30 days after initial commissioning. The conditions of the SMA limited factory warranty apply. You can find additional information at SMA-solar.com.



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	36 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 discharging / charging	-10°C to 50°C / 0°C to 50°C				
Self-consumption (at night) per module	2 W				
Degree of protection (according to IEC 60529)	IP 65				
Max. permissible value for relative humidity (non-condensing)	5% to 95%				
Cell technology	Lithium Iron Phosphate (LiFePO4)				
Efficiency					
Battery efficiency	94.5%				
Protective devices					
Input-side disconnection point	●				
DC reverse polarity protection	●				
Overvoltage category battery / inverter	II / II				
Equipment					
DC connection	MC4				
Interface / Communication	RJ45				
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 6.5 to 16.4), SB-SE (SMA Home Storage 3.2 to 16.4)				
Accessories	Base unit for floor mounting (HS-BU-10), Communication cable to STP-SE (HS-COM-CBL-3-10), Top cover (HS-TC-10)				
Type designation	HS-BM-3.28-10	2 × HS-BM-3.28-10	3 × HS-BM-3.28-10	4 × HS-BM-3.28-10	5 × HS-BM-3.28-10

● Standard equipment ○ Optional — Not available Data at nominal conditions Last revised: 09/2025

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 after initial commissioning. The conditions of the SMA limited factory warranty apply. You can find additional information at SMA-solar.com.