

STORAGE-67-TS-10



Ultimate flexibility

- Modular expandability up to the MW range
- New business models can be used with and without PV

Maximum service life

- Designed for a service life of up to 30 years (or 8000 operating cycles)

Innovative

- Active battery balancing up to 100 times faster than conventional systems
- Powerful and long-lasting battery cells from the automotive industry

New business models

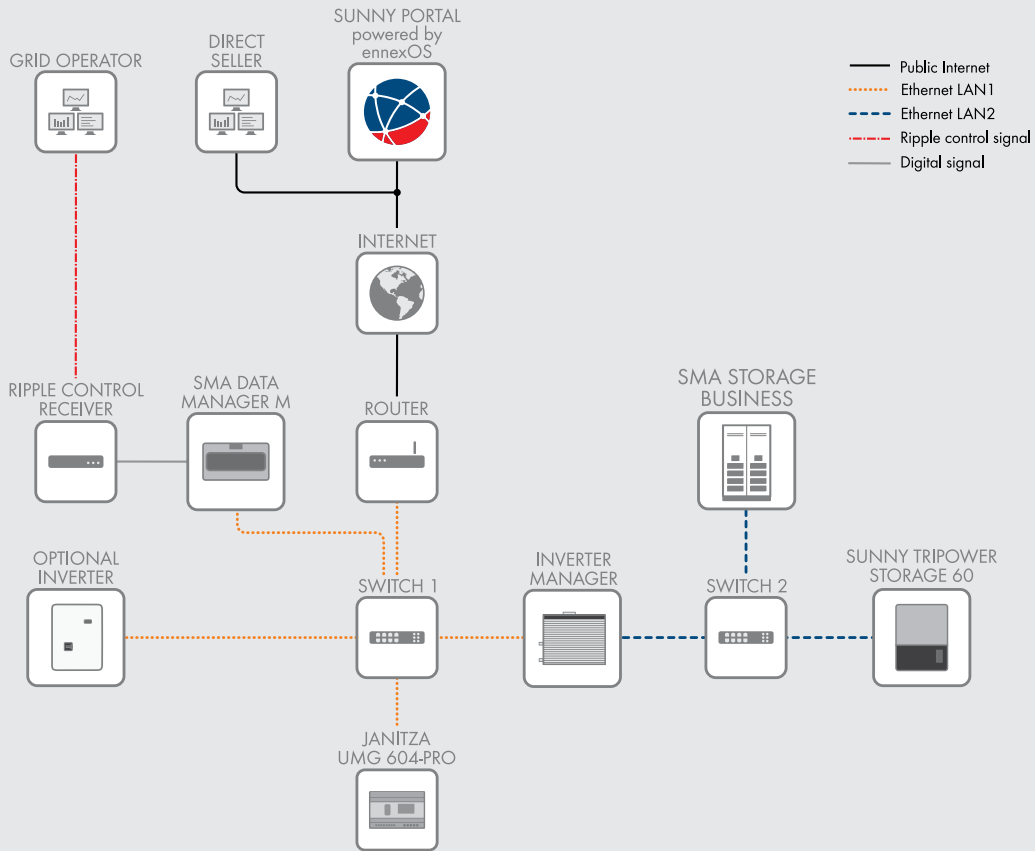
- Increased Self-Consumption
- Peak load shaving
- Time-of-use arbitrage

SMA STORAGE BUSINESS

Highly flexible battery-storage system for commercial and industrial applications

Whether for increased self-consumption or peak load shaving, coupled to the utility grid or off-grid for optimizing diesel hybrid systems, SMA's Storage Business offers a commercial power storage solution for every application. Its advanced, cost-optimized design ensures unbeatable efficiency without sacrificing power and quality. High-end battery cells from the automotive industry and innovative technologies such as the Active Battery Optimizer make SMA Storage Business one of the most durable products on the market.

SMA STORAGE BUSINESS Integration into the System Landscape



Technische Data	SMA STORAGE BUSINESS
Connection	
Energy (14 battery modules) / C rate	67 kWh / 1C
Cell	Lithium NMC prismatic (Samsung SDI)
Cell balancing	Active Battery Optimizer
Cycles at 100% DoD 70% EoL 23 °C +/-5 °C 1C/1C	6000
Cycles at 100% DoD 70% EoL 23 °C +/-5 °C 0.5C/0.5C	8000
Self-consumption (standby)	5 W (complete system)
Efficiency	
Efficiency (battery)	Up to 98%
General Data	
Dimensions (H / W / D)	1900 mm / 1200 mm / 600 mm (74.8 inch / 47.2 inch / 23.6 inch)
Total weight (14 / 2 racks)	824 kg (1816.6 lbs)
Weight per battery module	36 kg (79.4 lbs)
Weight per cabinet	120 kg (264.6 lbs)
Operating temperature	-10 °C to 50 °C (+14 °F to +122 °F)
Humidity	0% to 85% (non-condensing)
Degree of protection	IP20
Cell certificates and standards	IEC 62619, UL 1642, UN 38.3
Product certificates and standards	CE, UL 1973, UN 38.3, IEC 62619, IEC 61000-6-1/2/3/4, BattG 2006/66/EG
Version: April 2019	
Type designation	STORAGE-67-TS-10