

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

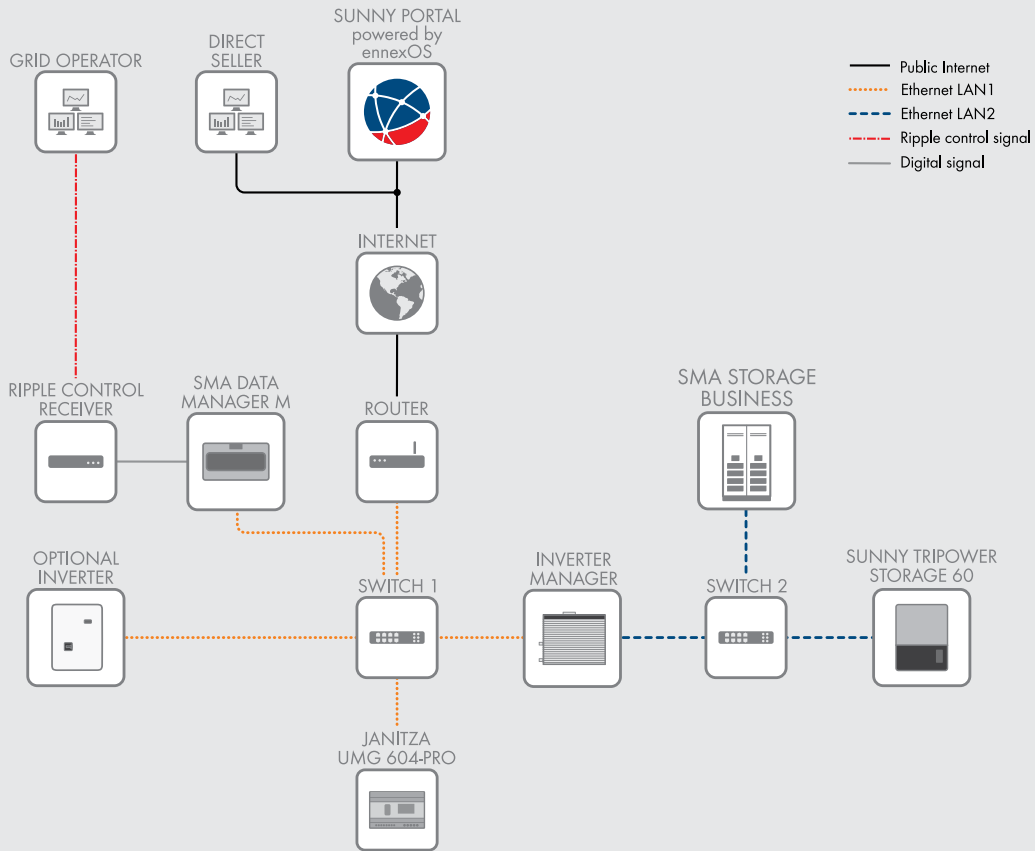
- Increased Self-Consumption
- Peak load shaving
- Time-of-use arbitrage

## 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
<b>Connection</b>	
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)
<b>Efficiency</b>	
Efficiency (battery)	Up to 98%
<b>General Data</b>	
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