



SUNNY TRIPOWER STORAGE 60

STPS60



Efficient

- 98.8% maximum efficiency
- High power density: 60 kW with a weight of only 75 kg

Flexible

- DC input voltage up to 1000 V
- Suitable for high-voltage batteries
- Systems from 60 kW to the MW range

Innovative

- Modular extendable system solutions
- Configurable SMA Inverter Manager Storage

Customer-oriented

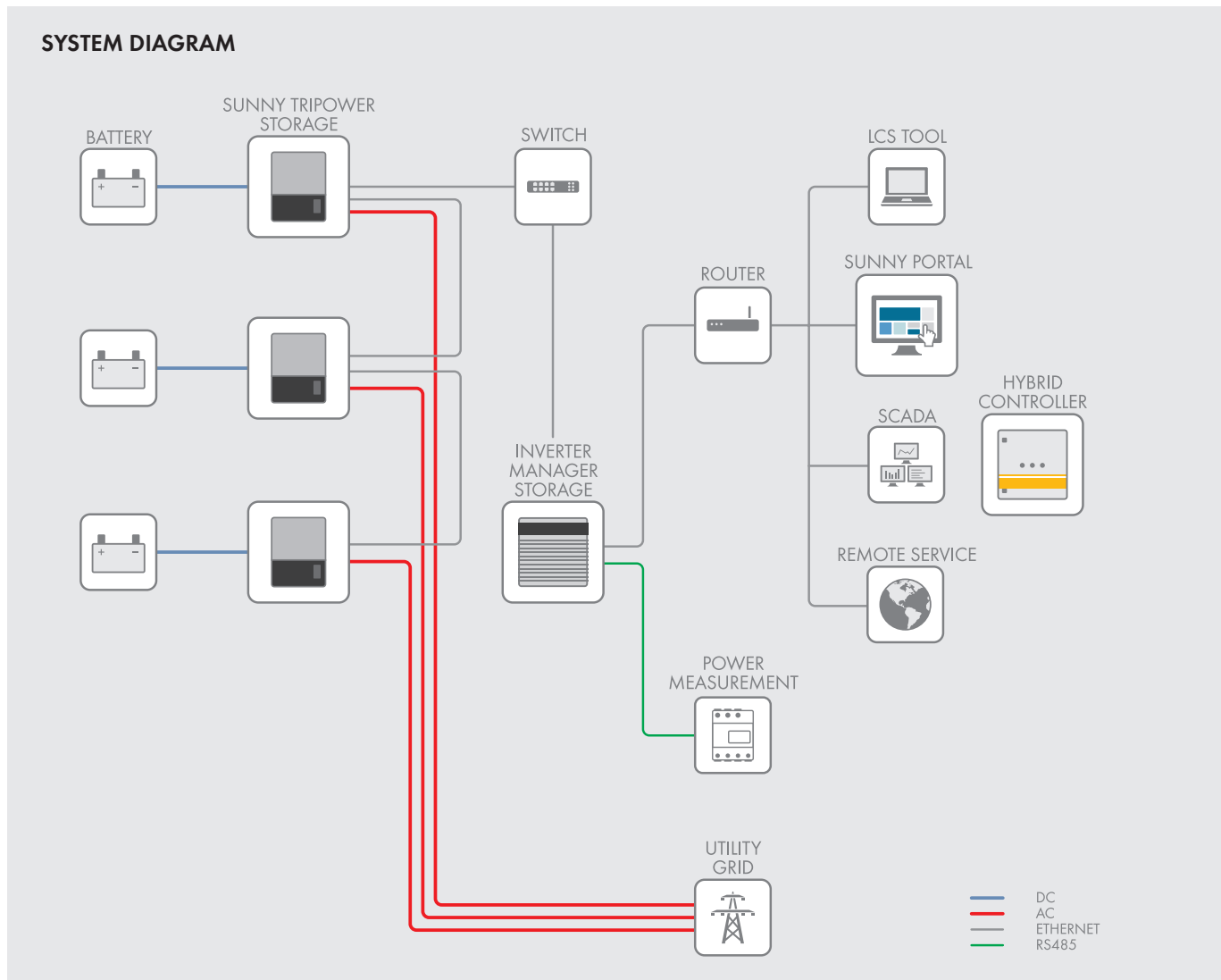
- Peak power management and self-consumption applications
- Ancillary services for remote and industrial applications

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The highly flexible commercial battery inverter for grid-tied applications

As a three-phase battery inverter, the Sunny Tripower Storage is a perfectly solution for commercial and industrial applications worldwide. The bidirectional STP Storage is a key product in SMA's storage portfolio, providing maximum flexibility in project design for scalable system solutions up to the megawatt class. Thanks to its comprehensive energy management functionalities, the STP Storage supports a wide range of ancillary services as well as peak power management and self-consumption. Customers in the commercial storage segment benefit from full system flexibility at the best price with the potential to open up new business models.

SUNNY TRIPOWER STORAGE 60



Technical Data	SMA Inverter Manager Storage
Voltage supply	
Input voltage	9 to 36 Vdc
Power consumption	< 20 W
General data	
Dimensions (W/H/D)	160 / 125 / 49 mm (6.3 / 4.9 / 1.9 inches)
Weight	940 g (2 lbs)
Mounting	DIN top-hat rails or wall mounting
Operating temperature range	-40 °C to +75 °C (-40° F to +167° F)
Relative humidity (non-condensing)	5 % to 95 %
Interfaces	
PC user interface	LCS tool
Sensor interface / protocol	RS485 / Modbus RTU for SunSpec Alliance
Interface to inverter	1 Ethernet port (RJ45)
Interface for external network / protocol	1 Ethernet port (RJ45) / Modbus TCP, SunSpec Alliance
Certificates and approvals (more available upon request)	UL 508, UL 60950-1, CSA C22.2 No. 60950-1-07, EN 60950-1, EN 55022 Class A, EN 61000-3-2 Class D, EN 61000-3-3, EN 55024, FCC Part 15, Sub-part B Class A
SMA Inverter Manager Storage type designation	IMS

ENERGY
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CHANGES

