

Sma storage business

Germany's SMA has developed a modular lithium-ion solution for commercial storage applications. It comes in two versions, with capacities of 32 kWh and 56 kWh. The two variants feature SMA Sunny Tripower Storage X battery inverters, with up to 8,000 complete charge cycles.

The system features lithium nickel-manganese-cobalt (NMC) prismatic cells from Samsung SDI. The two versions are capable of 8,000 complete charge cycles, with a roundtrip efficiency of up to 98%.

The German power electronics specialist said the commercial storage solution has an integrated energy management system to ensure self-consumption and peak load shaving. It added that it is preparing backup power capabilities.

Storage 30-20 can store up to 32 kWh of energy at 100% depth of discharge. It features a nominal voltage of 324 V. The system measures 608 mm x 1400 mm x 990 mm and weighs 359 kg. It comes with a Sunny Tripower Storage X 30 inverter.

Storage 50-20 comes with up to 56 kWh capacity. It has a nominal voltage of 567 V. The system measures 608 mm x 2008 mm x 990 mm and weighs 555 kg. It comes with a Sunny Tripower Storage X 50 inverter.

The operating temperature ranges from 0 C to 50 C. The system can be used in altitudes of up to 2,000 meters above sea level. The new batteries are IP20-rated and have a 10-year warranty.

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