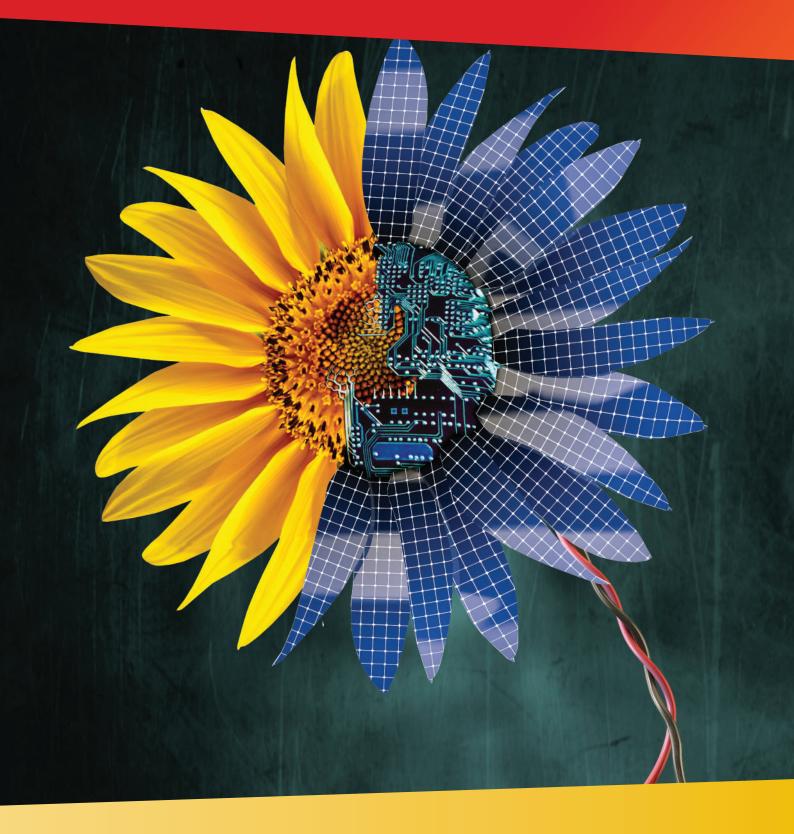


Energy Storage System



MEDIUM ENERGY STORAGE

SE2.9ES-R

Household PV on/off-grid energy storage system



Energy Storage Battery Capacity	2.9 – 5.8 kWh
Maximum Output Power	2 – 5 kW
Rated AC Input Voltage	100 – 240 V AC
PCS AC Output Voltage	100/110/220/230 V AC
Output Frequency	50/60 Hz
Solar PV Input Voltage	150 – 580 V DC
Maximum PV Input Current	15 A
Cycling Lifespan for Battery Module	> 2000 (80% DOD)
Operation Temperature Range	-20°C to +50 °C
Heat Emanation Method	Force-Air Cooling
Heating Method	Heating film or other
Product Weight	40 ~ 80 kg
Dimensions	600 × 443 × 190 mm

SE10.0ES-C

Household PV on/off-grid energy storage system



Energy Storage Battery Capacity	48 V 200 – 400 Ah
Energy Storage Battery Power	10 – 20 kWh
Rated AC Input Voltage	100 – 240 V AC
PCS AC Output Voltage	100/110/220/230 V AC
Output Frequency	50/60 Hz
Solar PV Input Voltage	150 – 580 V DC
Maximum PV Input Current	15 A
Cycling Lifespan for Battery Module	> 2000 (80% DOD)
Operation Temperature Range	-20°C to +50 °C
Heat Emanation Method	Force-Air Cooling
Heating Method	Heating film or other
Product Weight	155 ~ 300 kg
Dimensions	800 × 1050 × 350 mm

Sunceco Energy Storage System

Compatible

Sunceco energy storage systems (ESS) consist of lithium batteries (LFP) and work great with all solar brand inverters and charge controllers.

Safety

Sunceco ESS include Battery Management System (BMS) with on-board DC disconnect. If BMS detects any problems, an automatic contactor disconnects ESS from the incoming charge.

Advantages

- Battery Management System (BMS) with battery management control that effectively improves the battery life
- Optional wireless management
- High precision monomer battery voltage detection provides accurate charge/ discharge protection and prevents battery damage
- High precision multi-point temperature detection (+/-1°C)
- Modular structure, strong extensibility, supporting up to 360 batteries in series
- Lithium Iron Phosphate (LFP) batteries use a lithium-derived chemistry resulting with light weight, high discharge rates and better safety characteristics



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