

Plug & Play

10KWh All in One

home solar battery storage system

Product Specification

- Auto ID
- Automatically assign any host
- Smart parallel technology compatible with batteries
- with different SOC and voltages

Efficiency with up to 90% usable energy

IP20 Protection Rating

Modular design, natural cooling, indoor

Supports up to 16 units in parallel, with a total capacity of up to 40 kWh

Intelligent temperature control guarantees battery safety and longevity

Cycle life exceeds 6000 cycles for long-lasting reliability.



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10KWh All in One

Technical Specification

Model no	ES S5k200
	AC Input/Output Parameters
Ac Input voltage	AC 230 V
Optional Voltage	170-280V AC(Personal Computer)
Optional Voltage	90-280v AC(Home Load)
Frequency Range	50Hz/60Hz (Auto Sensing)
Max AC Charge Current	60A @DC 57.6V
AC Output Voltage	230V AC ±5%
Eciency (Peak)	Upto 93.5%
Transfer Time	10ms (Personal Computer); 20ms (Home Load)
Nominal Power	10000 W (or VA)
Waveform	Pure Sine Wave
PV Voltage Range	120V-450V DC
Max. PV Open Circuit Voltage	500V DC
Max. Solar Charge Current	100A @ 57.6 DC
Max. PV Array power	6000W
	Battery Parameters
Battery Type	Lithium iron phosphate
Normal Voltage	51.2V
Normal Capacity	10.24kWh
Useable Capacity	10kWh
Operating Voltage	48~57.6V
Rated Charging current	50A
Max Charging Current	100A
Recycle Time	6000 (@25C, DoD 90%)
	Enviornment Requirments
Humidity	5% to 90% Relative Humidity
Battery Recycle Tlme	6000 (@25C, DoD 90%)
Operating Temprature	-10° C to 50° C
Storage Temrature	-10° C to 60° C
Warranty	5 Years