



Residential ESS Product

JAS-1P-05K-EU

JAS-3P-10K-EU



| Advantages

Safety & Reliability



- Premium LFP cells with 10000+ cycles
- Intelligent BMS with cell-level monitoring and multi-layer safety protection

Flexibility & Scalability



- Modular design supports up to 8 parallel units (Total capacity 40.96 kWh)
- Wall-mounted design enables tool-free installation, reducing installation time by 40 %

User-Centric Design



- The LED interface enables real-time energy visualization and control
- 1C charge/discharge capability for high-power use

Technical Specifications

	Model	JAS-1P-05K-EU	JAS-3P-10K-EU
DC Side (Single Pack)	Nominal Energy	5.12 kWh	5.12 kWh
	Weight	54 kg	54 kg
	Depth of Discharge (DOD)	90 %	90 %
	Protection Level	IP65	IP65
	Nominal Voltage	51.2 V	51.2 V
	Dimensions (W × D × H)	540 mm × 490 mm × 240 mm	540 mm × 490 mm × 240 mm
	Max. Charging / Discharging Power	2.825 / 4.096 kW	2.825 kW / 4.096 kW
	Cycle Life	10000	10000
	Certifications	Pack: IEC/EN 62619, UN38.3 Cell: IEC/EN 62619, UL1973	Pack: IEC/EN 62619, UN38.3 Cell: IEC/EN 62619, UL1973
AC Side	Nominal Voltage	230 V	230 / 400 V
	Operating Frequency	50 / 60 Hz	50 / 60 Hz
	Max. Continuous Input Current	22 A	25 A
	Max. Continuous Output Power	5 kW	17.8 kW
PV Side	Max. PV Input Capacity	6.5 kW	20 kW
	MPPT Voltage Range	80 V to 560 V	140 V to 1000 V
	MPPT Trackers / Strings per Tracker	2 / 2	2 / 2
PCS Parameters	Operating Temperature Range	-25 °C to +60 °C	-25 °C to +60 °C
	Operating Altitude	≤ 2000 m	≤ 2000 m
	Humidity	0 to 95 % RH	0 to 95 % RH
	Grid Standards	EN50549-1, VDE-AR-N4105, VDE 0124, CEI 0-21, G98, G99, VDE 0126, NC RfG, UNE217001, UNE217002, NTS V2.1 Type A	
	Certifications	IEC/EN 62109-1&2, IEC62040-1, IEC62619	
	EMC	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12	

*Specification indexes may be subject to changes without prior notice.



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