

JA  tar

# Residential ESS Product

JAS-INV-1P-(03-06)K-EU  
BS-PAC-L-05H-B02



## | Advantages

### Safety & Reliability



- Reliable battery designed with longer cycle life by using LFP battery cells
- All-round safety protection, from LFP cell level to battery pack

### Flexibility & Scalability



- Modular design, scalable up to 81.9 kWh with 16 units in parallel.
- Pre-made battery, meter and CAN cabling to reduce installation time

### User-Centric Design



- Compatible with multiple brands of inverters, providing more choices.
  - Has a visual interface that can be operated with one click.
- Multi-channel MPPT design, used for roofs with different orientations

## Technical Specifications

Model		JAS-INV-1P-03K-EU	JAS-INV-1P-05K-EU	JAS-INV-1P-06K-EU
DC Side	Cell type	3.2 V / 280 Ah, LFP		
	Nominal Voltage	51.2 V		
	Nominal Energy	5.12 kWh		
	Rated Charge / Discharge Current	50 A @ 25 ±2 °C		
	Max. Charge / Discharge Current	100 A @ 25 ±2 °C		
	Altitude	3000 m		
	Weight	46 ±3 kg		
	Dimensions (L × W × H)	600 × 368 × 150.2 mm		
	Cycle Life	6000 cycles 0.2 C @ 25 °C 80 % DOD		
	Protection Level	IP20		
	Max. Number of Parallel	16		
AC Side	Input Voltage Range	187 V to 253 V		
	Max. Input Current	20 A	32 A	40 A
	Rated Input Frequency	45 Hz to 55 Hz / 55 Hz to 65 Hz		
PV Side	Max. PV Power	4.8 kW	8 kW	9.6 kW
	Rated Voltage	330 V		
	MPPT Voltage Range	90 V to 520 V		
	Max. Input Current	16 A / 16 A		
	Number of MPPT	2 / 2		
System Parameters	Dimensions (W × H × D)	405 × 480 × 205 mm		
	Weight	20.3 kg	22.4 kg	22.4 kg
	Noise Level	<35 dB (A)		
	Operating Temperature	-25 °C to +60 °C		
	Protection Level	IP66		
	Cooling Method	Natural Convection		
	Altitude	4000 m		
	Max. Efficiency	97 %	97.50 %	97.50 %

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



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