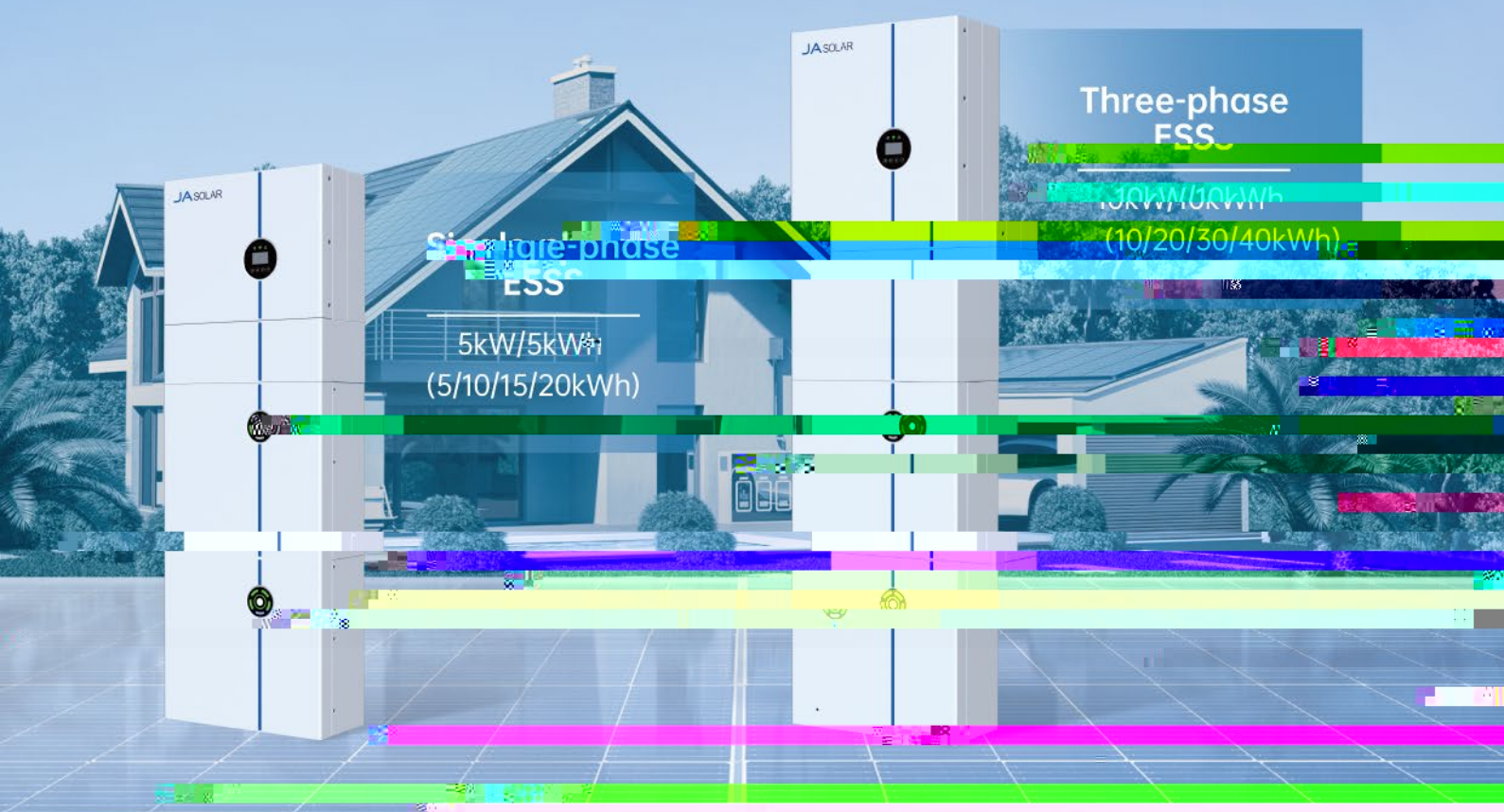


JA RESIDENTIAL ENERGY STORAGE SYSTEM

BlueStar All-In-One ESS



PRODUCT HIGHLIGHTS

PRODUCT NAME

LA 300-40 MODEL

DESIGN PACK

Rated Power	50A / 80A
Rated Power	40/96W
Max. Charge/Discharge Power	280.5W / 740.96W
Operating Temperature Range	-10 to 50°C (charging), -10 to 50°C (discharging)
Humidity	0 to 95% RH (non-condensing)

PHYSICAL		OPERATION
Battery Type	LFP (LiFePO4)	Max. Charge/Discharge Current
Weight	54kg	Max. DC power
Dimensions (W x H x D)	540 x 450 x 240mm	
IP Protection	IP65	
Warranty	5 Year Product Warranty	

SINGLE PHASE LOW VOLTAGE ENERGY STORAGE INVERTERS

BS-INV-1P-(03-06)K-EU



PRODUCT HIGHLIGHTS

- Multi channel MPPT design, used for roofs with different orientations
- Max.125A/6kW charge/discharge capacity
- Automatic UPS switching
- Supports Peak Shaving Mode
- Pre-made Battery, Meter and CAN bus, saving to reduce installation time
- Supports parallel connection of single-phase and three-phase networks on both the Grid and Backup Port
- Compatible with multiple brands of lithium battery models
- Increased battery protection and safety, standard fireproof and explosion-proof, and external delivery are

THREE PHASE HIGH VOLTAGE ENERGY STORAGE INVERTERS

BS-INV-3P-(05-10)K-EU



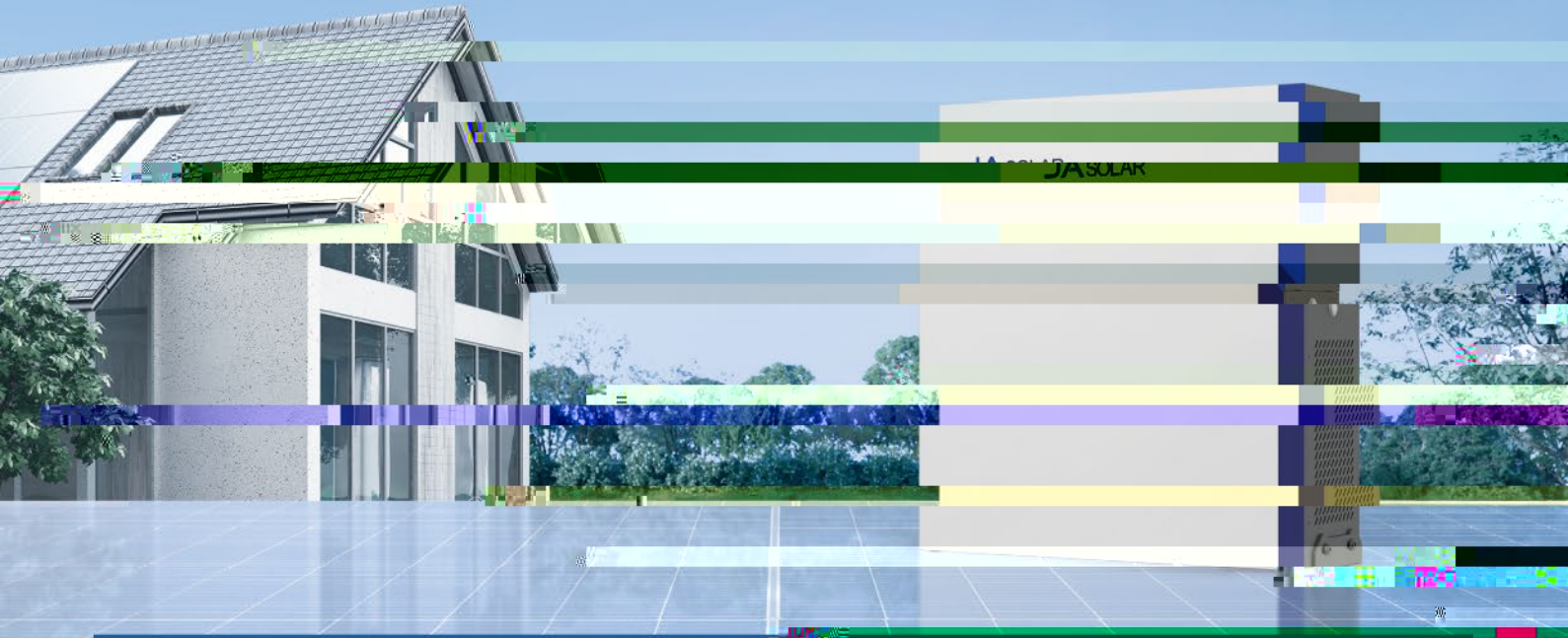
PRODUCT HIGHLIGHTS

- Integrated 3 or 4 MPPTs for multiple array orientations

BATT DC (PV SIDE)					
1000V:	Max input voltage:				
1500V	Start up voltage:				
1500V	MPPT voltage range:				
Max input current:	16A/16A/16A	16A/16A/16A/16A			
Max input current:	16A/16A/16A/16A	16A/16A/16A/16A			
BATTERY					
Battery type	Li-Ion				
Battery voltage range	120-600 V				
50A	Max. charge / discharge current				
50A	25A				
Rated output power					
10 kW	5 kW	6 kW	8 kW		
Rated grid voltage					
3/N/PE, 380 V / 400 V					
Rated grid frequency					
50 Hz / 60 Hz					
1.5 A	15.2 A / 14.4 A	Rated grid output current			
		7.6 A / 7.2 A	9.1 A / 8.7 A		
		12.2 A / 11.8 A	12.2 A / 11.8 A		
Power factor					
> 0.99 / 0.9 leading, 0.95					

JA 5KLV RESIDENTIAL ENERGY STORAGE BATTERY SPECIFICATION

BlueStar-Pack-L-05H-1



PRODUCT HIGHLIGHTS



SAFE

- Reliable Battery designed with longer cycle life by using LFP battery cells
- All-round Safety Protection from LFP Cells to battery pack



FLEXIBLE EXPANSION

- Modular design, scalable up to 76.8kWh with 15 units in parallel



SIMPLE AND FAST INSTALLATION

- Wall-mounted or stackable on the floor, less installation time



MONITORING REMOTELY

- Track battery and energy use via APP, APP anywhere, anytime

TECHNICAL SPECIFICATIONS

GENERAL DATA

Rated Voltage	51.2V
Voltage Range	44.8~57.6V
Module	1D16S
Rated Capacity	100Ah
Rated Energy	5.12 kWh
Cell type	LiFePO ₄ 3.2V/100Ah
Charge mode	CC-CV
Max. Charge Current	100A

RESIDENTIAL LOW VOLTAGE BATTERY SYSTEM

BS-PAC-L-(04-24)/1-1



PRODUCT HIGHLIGHTS



INTELLIGENT

- Remote diagnosis and OTA. Multi-level BMS, equipped with advanced chip.



RELIABILITY

- Extended battery lifetime & performance.



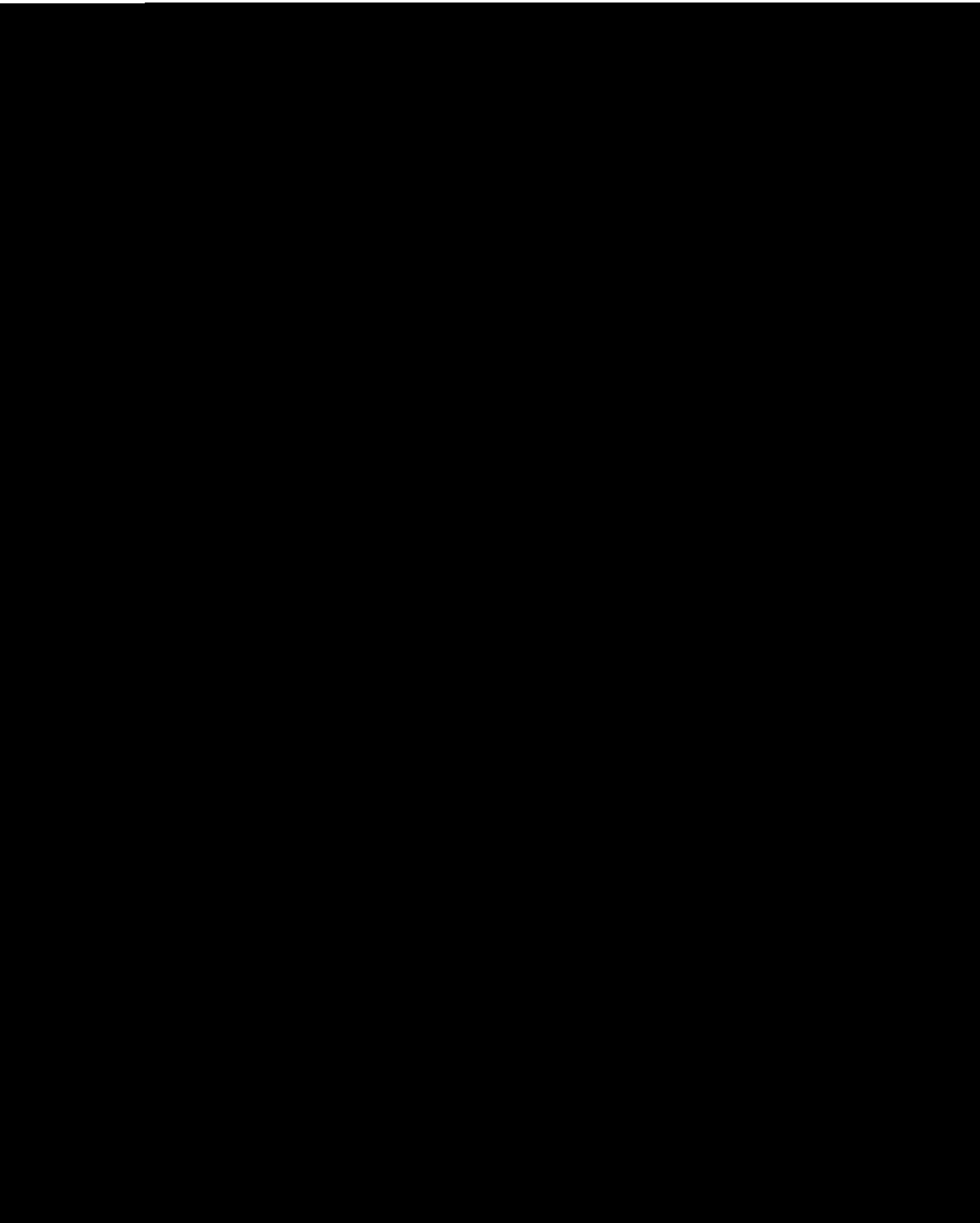
FLEXIBILITY

- Modular design, easy to install and expand online.



SAFETY

- LFP battery cells, priority product & acceptance safety, multi-dimensional cell testing, higher precision detection.



RESIDENTIAL HIGH VOLTAGE BATTERY SYSTEM

BS-PAC-H-(10-27)H-1



PRODUCT HIGHLIGHTS



INTELLIGENT

- Remote diagnosis and OTA. Multi-level BMS, EMS, equipped with advanced chip.



RELIABILITY

- Extended battery life & performance.



FLEXIBILITY

- Modular design, the capacity can be expandable anytime.



SAFETY

- LFP battery cells, prioritizes product & personnel safety, multi-dimensional cell testing, nanometer precision detection.

CTIONS

TECHNICAL SPECIFICA

40MVA	95-DAC-H-17H-1	95-DAC-H-17H-1	95-DAC-H-17H-1	95-DAC-H-17H-1	95-DAC-H-17H-1
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BATTERY SYSTEM	95-DAC-H-17H-1
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