



## EGSxxK-J-EG

All-in-one Energy Storage System

**5.5 kW**  
**5.12~15.36 kWh**  
Expandable

### OVERVIEW

The EGSxxK-J-EG grid connected energy storage system is a low-voltage household energy storage system that provides multiple energy storage options through an expandable modular design (combining 1-3 modules), further simplifying installation and operation, and has multiple intelligent functions. The safest battery technology (LFP) has a high charging rate, ensuring excellent performance and providing powerful power for your life.

### KEY FEATURES



Flexible expansion, easy installation.



The battery capacity can be expanded, with a maximum of 8 stacks.



Multiple working modes to meet different needs.



Class A cell, Superior safety and reliability.



Advanced MPPT technology with an efficiency of up to 99.9%.



Adopting intelligent adjustable speed fans for efficient heat dissipation and extended system lifespan.

# SPECIFICATION

TECHNICAL PARAMETERS	EGS5K-J-EG	EGS10K-J-EG	EGS15K-J-EG
AC			
Nominal voltage	101/202Vac		
Rated Power	5.5kW		
Frequency	50/60Hz		
PV			
Voltage Range	30 ~ 450Vdc		
MAX Current	18A*3		
Rated Power	2.5KW*3		
BATTERY			
Type of battery	LiFePO4 3.2V/ 100 Ah		
Voltage Range	280~450Vdc		
Rated energy	5.12kWh	10.24kWh	15.36kWh
Design cycle life	8000(60% EOL)		
Max Charge/Discharge Current(A)	30A		
Number of parallel	1	2	3
Other			
IP Degree	IP 65		
Operation temperature	-10℃ ~ 55℃ (Reduce power beyond 45 ℃)		
Dimension( W*D*H mm)	PCS:520*495*159 BAT:695*368*200		
Weight	PCS:33Kg BAT:60Kg*n		
Communication	RS485 / WIFI /4G		
Compliance	CE/S-JET/UN38.3/ECHONET Lite & AIF		

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