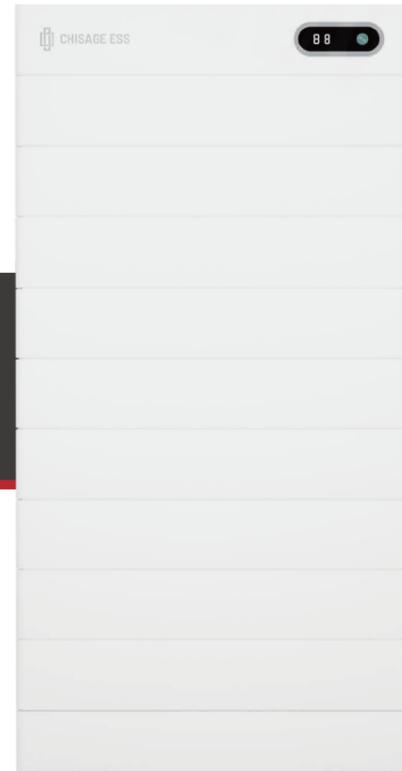


Lithium Battery Stack System



GAN7-SH
GAN30/38/46/53/61/69-SH

Product Features

- Ultra-high energy density, small size, and convenient installation and transportation
- Battery modules feature a wire-free design and support plug-and-play functionality
- Protection grade IP65, ultra-high environmental compatibility
- Intelligent temperature and voltage collection to ensure battery safety
- Convenient and fast operation and maintenance, supporting cloud OTA
- Battery module-level fire protection and heating (optional)

Technical Data

Model	GAN7-SH
Connection Style	24S
Nominal Energy (Wh)	7,680
Nominal Capacity (Ah)	100
Nominal Voltage (V)	76.8
Operation Voltage Range (V)	67.2-86.4
Recommend Charge Current (A)	50
Max. Continuous Charge Current (A)	50
Recommend Discharge Current (A)	50
Max. Continuous Discharge Current (A)	100
Operation Temperature	Charge Temperature: -20°C-55°C ^① Discharge Temperature: -20°C-55°C
Operation Humidity	0-95%RH (No condensing)
Protection Degree	IP65
Dimension (mm)	880(L)x400(W)x150(H)
Net Weight (kg)	65
Installation	Floor Mounted

Technical Data

Model	GAN30-SH	GAN38-SH	GAN46-SH	GAN53-SH	GAN61-SH	GAN69-SH
Stack Quantity	4	5	6	7	8	9
Nominal Energy (KWh)	30.72	38.4	46.08	53.76	61.44	69.12
Nominal Capacity (Ah)	100					
Nominal Voltage (V)	307.2	384	460.8	537.6	614.4	691.2
Operation Voltage Range (V)	268.8-345.6	336-432	403.2-518.4	470.4-604.8	537.6-691.2	604.8-777.6
Recommend Charge Current (A)	50					
Max. Continuous Charge Current (A)	50					
Recommend Discharge Current (A)	50					
Max. Continuous Discharge Current (A)	100					
Max. Parallel Quantities (system)	4					
Operation Temperature	Charge Temperature: -20°C-55°C ^① Discharge Temperature: -20°C-55°C					
Operation Humidity	0-95%RH (No condensing)					
Protection Degree	IP65					
Fire Protection System	Aerosol fire suppression device (optional)					
WiFi Module	Built-in WIFI module;app OTA function					
Dimension (mm)(L*W*H)	880x400x850	880x400x1000	880x400x1150	880x400x1300	880x400x1450	880x400x1600
Net Weight (kg)	295	360	425	490	555	620
Certification	IEC62619, CE-EMC, LVD, ROHS, UN38.3					
Communication	CAN, RS485					
Cycle Life ^②	≥8,000					

Note ①: Charging at -20°C to 0°C need to add heating module.
②: Cycle Life 95%DOD, 70%EOL@25°C/0.2C