



Home Energy Storage H Series Features

- 6000 charge-discharge cycles, 80% DOD.
- It offers a range of functionalities including intelligent temperature control, various safety protections, and fire prevention features.
- It accommodates multiple operational modes: photovoltaic priority, inverter priority, commercial power priority, and complementary mode. Additionally, it can serve as the primary power source in areas without electricity and as a standby power supply in regions with an unreliable power grid, such as during sudden power failures.
- The system boasts a modular design and supports stacked or wall-mounted installation methods. Its exterior design is characterized by simplicity and seamless integration with modern home aesthetics.
- Further enhancing its capabilities, the system supports GPRS, WIFI, RS485, and USB connectivity, features an LCD interface, and facilitates remote monitoring.

Product parameters

Project		Parameter		
Battery Part	Model No.	CTG-SQE-H5K	CTG-SQE-H10K	CTG-SQE-H15K
	Battery pack power	5.12kWh	10.24kWh	15.36kWh
	Rated voltage	51.2V		
	Operating voltage range	43.2V~58.4V		
	Battery type	LFP		
	Maximum working power	5Kw	10Kw	15Kw
	Communication mode	RS485/CAN		
	Operating temperature range	Charge: 0°C~45°C		
		Discharge: -10°C~50°C		
	IP protection	IP65		
	System cycle life	≥6000		
	Humidity	0~95%		
	Altitude	≤2000m		
Installation	Wall hanging / stacking			
Inverter Unit	Maximum PV access voltage	500Vdc		
	MPPT Operating voltage range	120Vdc~500Vdc		
	Maximum PV input power	5.5Kw	11Kw	16Kw
	Power grid rated input voltage	220V/230Vac		
	Power grid input frequency	50Hz/60Hz(Automatic detection)		
	Output voltage	230Vac (200/220/240 optional)		
	Output voltage waveform	Pure sine wave		
	Rated output power	5Kw	10Kw	15Kw
	Output peak power	10KVA	20KVA	30KVA
	Output voltage frequency	50Hz/60Hz(optional)		
	Work efficiency	≥92%		
Attestation	Safety	IEC62617,IEC62040,VDE2510-50,CEC,CE		
	EMC	CE,RCM		
	Transportation	UN38.3		