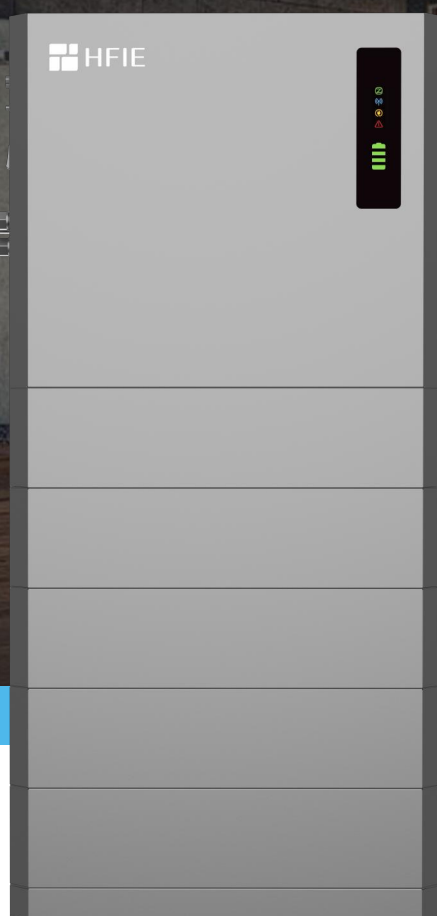


All In One Energy Storage Solutions

To make the energy storage more intelligent and life more green



GE Series

All In One Energy Storage Solutions

Reliable Operation

IP65, Sealed against dust and water jets

Flexible Installation

Intelligent operation and maintenance

Model	GE8K-HA		GE10K-HA		GE12K-HA	
Inverter	HF-HH8K-P3EU		HF-HH10K-P3EU		HF-HH12K-P3EU	
Battery voltage range (Vdc)	125~800					
Max.battery charging and discharging power	8000		10000		12000	
Rated battery voltage (Vdc)	200		250		300	
Max.battery charging and discharging current (A)	40					
Recommended power input for each MPPT (W)	6000		7500		9000	
Max.input current of each MPPT (A)	16					
Max.short circuit current of each MPPT (A)	24					
Max.input voltage (Vdc)	1000					
MPPT voltage range (Vdc)	150~950					
MPPT quantity	2					
Number of MPPT input strings per channel	1					
Rated network voltage (Vac)	400/230 , 3W+N+PE					
Rated network frequency (Hz)	50					
Rated input active power (W)	12000		15000		16000	
Rated input apparent power (VA)	12000		15000		16000	
Rated output active power (W)	8000		10000		12000	
Rated output apparent power (VA)	8000		10000		12000	
MPPT efficiency	99.9%					
Max. efficiency	98%					
Battery side - AC side maximum efficiency	97%					
Size (W*H*D) mm	650*558*270					
Weight (kg)	35					
Cooling method	air cooling					
Warranty period	10 years					
Installation method	stacked & wall mounted					
Safety certification	IEC 62109-1/2, EN 62109-1/2, EN 62477-1					
EMC certification	EN IEC 61000-6-3, EN 61000-3-12, EN IEC 61000-3-11, EN IEC 61000-6-1					
Grid-connected certification	EN 50549-1, VDE AR-N 4105, DIN VDE V 0124-100 and so on					
	Battery					
Cell type	LFP					
Operation altitude (m)	≤3000					
PACK (kWh)	1P20S/52Ah/64V/3.3					
Safety certification	IEC62619, IEC62477					
EMC certification	EN61000-6-1/3					
Transportation certification	UN38.3					
System composition						
Rated capacity (kWh)	10	13.3	16.6	20	23.3	26.6
PACK number	3	4	5	6	7	8
Operation voltage range (V)	153-213	204-284	255-355	306-426	357-497	408-568
Compound mode	1P60S	1P80S	1P100S	1P120S	1P140S	1P160S
Rated voltage (V)	192	256	320	384	448	512
Operating ambient temperature (°C)	-20~50					
Max. charging and discharging current (A)	35					
Max. charging and discharging power (kW)	6.72	8.96	11.2	13.44	15.68	17.92
Relative humidity	0~100% (no condensation)					
Cycle life	≥6000					
Weight(kg)	127	161	195	229	263	297
Size (W*D*H) mm	650*240*650	650*240*800	650*240*950	650*240*1100	650*240*1250	650*240*1400