

GE0610

All-in-one Residential Use Energy Storage Equipment



Product Parameters

PV INPUT

Max. recommended DC power[W]	4200
Max. DC voltage[V]	250
Max. charging current[A]	70
Max. short circuit current[A]	80
MPPT voltage range[V]	65-245
No. of MPP trackers	1

AC INPUT

Nominal AC power [W]	8400
Max. AC power [W]	13000
Rated grid voltage(AC voltage range) [V]	230 (175 to 265)
Rated grid frequency [Hz]	50/60 (45 to 65)
Nominal AC current [A]	38
Max. AC current [A]	59

BATTERY

Battery type	LFP
Battery voltage range [V]	44-58.4
Recommended battery voltage [V]	51.2
Battery Capacity(Ah)	200
Recommended charging/discharging current [A]	100
Max. charging/discharging current [A]	150
Communication interfaces	RS232 / RS485 / CAN
Design cycle life	over 5000 cycles(Under certain test conditions)
Parallel operation	Yes, max 16 pcs (max 81.92kwh)

AC OUTPUT (LOAD)

Nominal AC power [W]	4800
Max. AC power [W]	6000
Peak power @5sec [W]	9000
Rated grid voltage(AC voltage range) [V]	220~240 VAC \pm 2%
Rated grid frequency [Hz]	45~60 Hz \pm 0.05%
Nominal AC current [A]	22
Max. AC current [A]	28
Switch time[ms]	<10ms
Total harmonic distortion(THD, linear load) [%]	<3
Parallel operation	Yes
Load shedding[1]	Yes

PROTECTION

Inverter

Overload/Output short circuit/PV array reverse polarity/
PV over voltage/ Equipment Over temperature

Battery

Over Current/Over Voltage /Temperature

ENVIRONMENT LIMIT

Protection class

IP20

Operating temperature range [°C]

-10 to +40

Altitude[m]

≤2000

Storage temperature[°C]

-20 to +60

Noise emission(typical) [dB]

<30

GENERAL INFORMATION

Dimensions(W×H×D) [mm]

630×1160×214

Weight[kg]

160

Cooling concept

Intelligent air cooling

Topology

Low frequency isolation

Communication

WIFI/Ethernet(RJ45)

Display

LED , APP

Certificate

UN38.3 IEC62619

[1] The AC OUT1 for dual-output models is used to connect critical loads. The AC OUT2 is used to connect to non-critical loads. when battery discharge/charge and reaches the lower/upper limit soc, the AC OUT2 will disconnect/connect its load. User can set the threshold soc respectively through the APP.