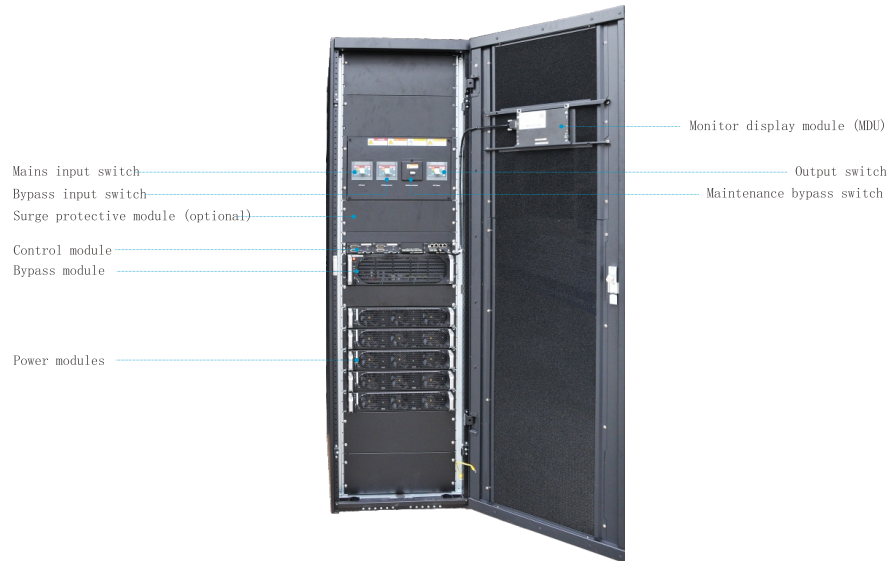




Power Module



- ① Run indicator ② Alarm indicator ③ Fault indicator
④ Ready switch ⑤ Output port ⑥ Input port

Dimensions (W×D×H) (mm)	442×620×86
Weight (kg)	19.1 kg
Charging current	10 A
Capacity	25 kVA / 25 kW
Power density	17.2 W / inch ³

Bypass Module



- ① Battery cold start button ② Run indicator ③ Alarm indicator
④ Fault indicator ⑤ Ready switch ⑥ Signal port
⑦ Input and output port

Dimensions (W×D×H) (mm)	442×500×130
Weight (kg)	17.9 kg
Max. output power	125 kW

Control Module



- ① Ground terminal ② BSC port 1 ③ Parallel port 1 ④ Ready switch on ECM 1 ⑤ Indicators for ECM 1 ⑥ BSC port 2
⑦ Parallel port 2 ⑧ Ready switch on ECM 2 ⑨ Indicators for ECM 2 ⑩ Optional card subrack cover ⑪ Dry contact card ⑫ Battery temperature sensor port
⑬ COM1 port ⑭ COM2 port ⑮ Fast Ethernet (FE) port ⑯ RS485 port ⑰ Dry contacts ⑱ MDU port

Specifications

MODEL	EA66125
Rated capacity of system cabinet	125 kVA
Number of power module	5
Rated capacity of power module	25 kVA
INPUT	
Input wiring	Three-phase five-wire (3Φ + N + PE)
Rated voltage	380 Vac / 400 Vac / 415 Vac
Voltage range	135 ~ 305 Vac (linear derating), 305 ~ 485Vac (no derating)
Frequency range	40 ~ 70 Hz
Input power factor	Full load > 0.99; half load > 0.98
THDi	< 3% (linear full load); < 5% (non-linear full load)
Battery voltage	± 240 Vdc (± 180, ± 192, ± 204, ± 216, ± 228, ± 252, ± 264, ± 276, selectable)
Number of battery	40 pcs 12 V batteries (30, 32, 34, 36, 38, 42, 44, 46 pcs selectable)
OUTPUT	
Output wiring	Three-phase five-wire (3Φ + N + PE)
Rated voltage	380 Vac / 400 Vac / 415 Vac
Output voltage regulation accuracy	±1%
Output frequency accuracy	Synchronized with utility in mains power mode; 50 Hz / 60 Hz ± 0.05% in battery mode
Output power factor	1
Output waveform distortion (THDv)	≤ 1% (linear load); ≤ 4% (non-linear load)
Crest factor	3:1
Inverter overload capacity	105% < load ≤ 110% for 60 min, 110% < load ≤ 125% for 10 min, 125% < load ≤ 150% for 1 min, load > 150% for 300 ms
Bypass overload capacity	Temperature ≤ 30℃, load ≤ 135% for long term; temperature ≤ 40℃, load ≤ 125% for long term; load > 100% for 0.1 s
SYSTEM	
Efficiency	Up to 96%
Max. number of parallels	4
Transfer time	0 ms
Protection	Lack-phase protection, phase sequence error protection, short circuit protection, overload protection, over-temperature protection, battery low voltage protection, output undervoltage protection, fans failure protection etc.
Communications	RS485, dry contacts, SNMP
Display	7 inches LCD touch screen
ENVIRONMENT	
Operating temperature	0℃ ~ 40℃
Storage temperature	- 40℃ ~ +70℃
Relative humidity	0% RH ~ 95% RH (non-condensing)
Altitude	≤ 1000 m, above 1000 m, derating 1% for each additional 100 m
Protection level	IP 20
Noise	≤ 65 dB (at 1 m)
OTHERS	
Cabinet dimensions (W×D×H) (mm)	600×850×2000
Module dimensions (W×D×H) (mm)	442×620×86
Cabinet weight (kg)	182.7
Power module weight (kg)	19.1

•All specifications subject to change without notice.
•Custom-made specifications are acceptable.