

Specifications

MODEL	EA99200	EA99300	EA99400	EA99500	EA99600
Rated capacity	200 KVA 180 KW	300 KVA 270 KW	400 KVA 360 KW	500 KVA 450 KW	600 KVA 540 KW
INPUT					
Input wiring	3Ph+N+PE				
Rated voltage	380 / 400 / 415 Vac				
Voltage range	138 ~ 485 Vac (305 ~ 485 Vac without power downgrading; 138 ~ 305 Vac with linear downgrading 40%)				
Input frequency	40 ~ 70 Hz				
Power factor	≥ 0.99				
Current distortion	< 3%				
BATTERIES					
Battery voltage	± 240 Vdc (± 180, ± 192, ± 204, ± 216, ± 228, ± 252, ± 264, ± 276 selectable)				
Number of battery	40 pcs 12 V batteries (supports 30 / 32 / 34 / 36 / 38 / 42 / 44 / 46 pcs)				
OUTPUT					
Output wiring	3Ph+N+PE				
Rated voltage	380 / 400 / 415 Vac				
Voltage regulation accuracy	± 1%				
Frequency	Synchronized with utility on mains power mode: 50Hz / 60Hz ± 0.25% in battery mode:				
Power factor	0.9				
Voltage distortion	≤ 1% with liner load / ≤ 3% with non-linear load				
Crest factor	3:1				
Inverter overload capacity	105% < load ≤ 110%: transfer to bypass in 60 min 110% < load ≤ 125%: transfer to bypass in 10 min 125% < load ≤ 150%: transfer to bypass in 1 min Load > 150%: transfer to bypass in 200 ms				
Bypass overload capacity	Load ≤ 135% for long term; < 1000% load for 100 ms				
SYSTEM					
Efficiency	96 %				
Max. number of parallel	4 units				
Transfer time	0 ms				
Protection	Lack-phase protection, phase-error protection, short circuit protection, overload protection, over-temperature protection, battery low voltage protection, output over/low voltage protection, fans failure protection ect.				
Communications	RS485, dry contacts, SNMP				
Display	7 inches LCD touch screen				
OTHERS					
Operating temperature	0 ~ 40°C				
Storage temperature	- 40°C ~ 70°C				
Humidity	0 ~ 95% (non-condensing)				
Altitude	≤ 1000 m. Above 1000 m, derating 1% for each additional 100 m				
Protection level	IP 20				
Noise level at 1 m	< 65 dB			< 68 dB	
Dimensions (W × D × H) (mm)	600 × 850 × 2000		1200 × 850 × 2000		1400 × 850 × 2000
Weight (kg)	360	460	720	790	974

● All specifications subject to change without notice.