GOOREE
GREEN THE FUTURE

ACM Series

100~1200kVA Modular UPS



Power range

100~1200kVA

Operation

3P/3P,Online double conversion

Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

Characteristics



- Fully digital control, flexible and robust.
- 10 inch touch LCD, with IoT functions.
- High reliability and environmental adaptability, with protection of components level.
- Supports battery connection without Neutral.
- Maximum capacity of up to 3.2MW,the ideal choice for large data centers.

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Model		AC600/100E	AC800/100E	AC1200/100E
Rate Power		600kVA	800kVA	1200kVA
Main input	Input	3P5W (3P+N+PE)		
	Rate Voltage	380/400/415VAC(L-L)		
	Rate Freq.	50/60Hz		
	Input PF	>0.99		
	Current distortion	THDi<2%		
	Voltage range	304～478VAC(L-L)full load；304～228VAC (L-L) power derate from 100% to 50%		
	Freq. range	40-70Hz		
Battery	Rate voltage	3 wires: ±240VDC / 2 wires: 480VDC		
	Charging capacity	Max. 15%*Pout		
	Charging accuracy	±1%		
Bypass	Rate voltage	380/400/415VAC(L-L)		
	Voltage range	Range: -40%- +25% , Settable, default -20%～+15%；		
	Overload	110%, long time operation 110%< load<125%, 10 mins 125%<load<150%,1 min >150%,1s		
Inverter	Rate voltage	380/400/415VAC(L-L)		
	Rate Freq.	50/60Hz		
	Output PF	1		
	Voltage accuracy	±1.0%		
	Output THDu	<1%(linear load),<3% (non-linear load according to IEC 62040-3)		
	Overload	110%,1 hour；125%,10 mins；150%,1 min；>150%,200ms		
	Frequency accuracy	0.1%		
	Synchronize window	Settable，±0.5Hz-±5Hz，default ±3Hz		
	Slew rate	Settable，0.5Hz/S-3Hz/S，default 0.5Hz/S		
	Crest factor	3:1		
	Phase Accuracy	120°±0.5°		
System	Efficiency	Up to 97%		
	Display	LED + 10 inch touch LCD		
	Certification- Safety	IEC62040-1, IEC60950-1		
	Certification- EMS	IEC62040-2；IEC61000-4-2(ESD)；IEC61000-4-3(RS)；IEC61000-4-4 (EFT)；IEC61000-4-5 (Surge)		
	IPdegree	IP20		
	Configuration	USB, RS232, RS485, Dry contact, Cold start, Air filter		
	Option	SNMP card 、AS400 card、Parallel kit 、SPD、Top air outlet		
	Environment	0-40℃(operation)；-25℃~70℃(storage)；0-95% (Humidity, non-condensing)		
	Noise(dB)(1 meter)	72dB @ 100% load, 68dB @ 45% load		
Dimension	Cabinet(W*D*H)mm	800*1000*2000		1200*1100*2000
	Module(W*D*H)mm	475*705*140		
Weight(kg)	Cabinet	380	390	624
	Module	47		
Power Module rated capacity		100KW		

Statement: The products will continue to be innovative and optimized, which may lead to asynchronous updates of the actual product and promotional materials. Therefore, this document is for reference only and does not constitute any offer or commitment.