ACM Series

37.5~1200kVA Modular UPS (208V)



Power range

37.5~1200kVA

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 environment adaptability, with protection of components level.
- Intelligent system self-diagnosis, rich fault recording, large capacity of history record storage space.
- Maximum system capacity up to 1.2MVA, the best solution for mega data center.

Model		AC300-L	AC600-L	AC900-L	AC1200-L
Rate Power		300kVA	600kVA	900kVA	1200kVA
Main input	Input	3P5W (3P+N+PE)			
	Rate Voltage	200/208/220VAC(L-L)			
	Rate Freq.	50/60Hz			
	Input PF	>0.99			
	Current distortion	THDi<3%(100% Linear load)			
	Voltage range	166～261VAC(L-L)full load；125～166VAC (L-L) power derate from 100% to 75%			
	Freq. range	40-70Hz			
Battery	Rate voltage	±120VDC			
	Charging capacity	20%*Pout			
	Charging accuracy	±1%			
Bypass	Rate voltage	200/208/220VAC(L-L)			
	Voltage range	Range: -40%- +25% , Settable, default -20%～+15%；			
	Overload	110%, long time operation 110%< load<125%, 5 mins 125%<load<150%,1 min >150%,1 second			
Inverter	Rate voltage	200/208/220VAC(L-L)			
	Rate Freq.	50/60Hz			
	Output PF	1			
	Voltage accuracy	±1.0%			
	Load response	<5% (20% - 80% -20% step load)			
	Recovery time	< 20ms (0% - 100% -0% step load)			
	Output THDu	<1%(linear load),<5% (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	Normal Mode up to 93%;Battery Mode up to 93%			
	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)			
	IP degree	IP20			
	Configuration	USB, RS232, RS485, Dry contact, Cold start, Air filter			
	Option	SNMP card、AS400 card、Parallel kit、SPD、LBS			
	Environment	0-40℃(operation)；-25℃~70℃(storage)；0-95% (Humidity, non-condensing)			
	Noise(dB)(1 meter)	72dB @ 100% load, 69dB @ 45% load			
Dimension	Cabinet(W*D*H)mm	1200*1000*2000	2000*1000*2000	2800*1000*2000	3600*1000*2000
	Module(W*D*H)mm	442*659*174			
Weight(kg)	Cabinet	350	600	850	1100
	Module	41			
Power Module rated capacity		37.5KW			

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