ACM Series

50~600kVA Modular UPS



Power range

50~600kVA

Operation

3P/3P,Online double conversion

Applications

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

Characteristics



- Fully digital control, flexible and robust.
- 7 &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 1.8MVA, the best solution for mega data center.

Model		AC200/50	AC240/60	AC300/50	AC360/60	AC400/50	AC480/60	AC600/50	AC600/60
Rate Power		200kVA	240kVA	300kVA	360kVA	400kVA	480kVA	600kVA	600kVA
Main input	Input	3P5W (3P+N+PE)							
	Rate Voltage	380/400/415VAC(L-L)；220/230/240VAC(L-N)							
	Rate Freq.	50/60Hz							
	Input PF	>0.99							
	Current distortion	THDi<3%(100% Linear load)							
	Voltage range	304～478VAC(L-L)full load；304～228VAC (L-L) power derate from 100% to 75%							
	Freq. range	40-70Hz							
Battery	Rate voltage	±240VDC							
	Charging capacity	20%*Pout							
	Charging accuracy	±1%							
Bypass	Rate voltage	380/400/415VAC(L-L)220/230/240VAC(L-N)							
	Voltage range	Range: -40%- +25% , Settable, default -20%～+15%；							
	Overload	125%, long time operation 125%< load <130%, 10mins 130%<load <150%,1min >150%,300ms		110%, long time operation 110%< load<125%, 5 mins 125%<load<150%,1 min >150%,1 second					
Inverter	Rate voltage	380/400/415VAC(L-L)；220/230/240VAC(L-N)							
	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 96%; Battery Mode up to 96%							
	Display	LED + 7 inch touch LCD		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	600*1000*1600		600*1000*2000		1200*1000*2000		1200*1100*2000	
	Module(W*D*H)mm	442*659*174							
Weight(kg)	Cabinet	185		248		350		578	
	Module	41							
Power Module rated capacity		50KW	60KW	50KW	60KW	50KW	60KW	50KW	60KW

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.