ACM Series

62.5~2000kVA Modular UPS



Power range

62.5~2000kVA

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 2.0MVA, the best solution for mega data center.

Model		AC400	AC500	AC800	AC1000	AC1200	AC1500	AC2000
Rate Power		400kVA	500kVA	800kVA	1000kVA	1200kVA	1500kVA	2000kVA
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	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 + 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		50KW	62.5KW	50KW	62.5KW	50KW	62.5KW	

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.