ACM Series

50~600kVA Modular UPS - II



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.
- 10 inch touch LCD, with IoT functions.
- High reliability and environment adaptability, with protection of components level.
- Supports battery connection without Neutral.
- Minimal footprint, standard width of 600mm, depth of all models only 750mm.

Model		AC200/50A	AC300/50A	AC500/50A	AC600/50A
Rate Power		200kVA	300kVA	500kVA	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	3 wires: ±240VDC / 2 wires: 480VDC			
	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 ＞ 96%; Battery Mode ＞ 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、Top air outlet			
	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*750*1600	600*750*2000	1200*750*2000	
	Module(W*D*H)mm	440*475*140			
Weight(kg)	Cabinet	170	220	450	
	Module	23			
Power Module rated capacity		50KW			

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.