ACM Series

25~300kVA Modular UPS



Power range

25~300kVA

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.
- Extreme high power density, 30kW in 2U, friendly for space and maintenance.
- Option of 30A charger module for long backup applications.

Model		AC250/25	AC300/30
Rate Power		250kVA/250kW	300kVA/300kW
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	
	Phase Accuracy	120°±0.5°	
System	Efficiency	Normal Mode up to 95.5%; Battery Mode up to 95.5%	
	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)	65dB @ 100% load, 62dB @ 45% load	
Dimention	cabinet(W*D*H)mm	600*1000*2000	
	module(W*D*H)mm	440*678*85（2U）	
Weight(kg)	Cabinet	260	
	Module	23	
Power Module rated capacity		25KW	30KW

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.