ACM Series

10~150kVA Modular UPS



Power range

10~150kVA

Operation

3P/3P,3P/1P,1P/1P,Online double conversion

Applications

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

Characteristics



- 7 inch touch LCD, with IoT functions.
- Supports battery connection without Neutral.
- High reliability and environment adaptability, with protection of components level.
- No disassembly, direct mounted in 19 inch rack, or stand alone.
- Extreme high power density,25kW in 2U, friendly for space and maintenance.
- Supports supercharging, satisfy high-capacity lithium batteries.

Model		MOD10E			MOD20E			MOD25E		
		AC020/10E	AC040/10E	AC060/10E	AC040/20E	AC080/20E	AC0120/20E	AC050/25E	AC100/25E	AC150/25E
Rate Power		20kVA	40kVA	60kVA	40kVA	80kVA	120kVA	50kVA	100kVA	150kVA
Main input	Input	3P5W (3P+N+PE),1P3W(L+N+PE)								
	Rate Voltage	3-Phase input: 380/400/415VAC(L-L); 1-Phase input: 220/230/240VAC(L-N)								
	Rate Freq.	50/60Hz								
	Input PF	>0.99								
	Current distortion	THDi<2%(100% Linear load)								
	Voltage range	3-Phase input: 304～478VAC(L-L)full load； 304～228VAC (L-L) power derate from 100% to 75%								
		1-Phase input: 176～276VAC(L-L)full load； 176～132VAC (L-L) power derate from 100% to 75%								
	Freq. range	40-70Hz								
Battery	Rate voltage	20-44PCS 3 wires / 2 wires*)			32-44PCS 3 wires / 2 wires*)					
	Charging capacity	Max 100%*Pout (Limited by input current)								
	Charging accuracy	±1%								
Bypass	Rate voltage	3-Phase input: 380/400/415VAC(L-L); 1-Phase input: 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	3-Phase input: 380/400/415VAC(L-L); 1-Phase input: 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 96%; Battery Mode up to 96%								
	Display	LED + 7 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								
	Option	SNMP card, AS400 card, Parallel kit, LBS, Air filter								
	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 (Wheels not included)	445*660*396	445*700*748	445*700*924	445*660*396	445*700*748	445*700*924	445*660*396	445*700*748	445*700*924
	module(W*D*H)mm	400*495*86（2U）								
Weight(kg)	Cabinet	42			75			82		
	Module	12			15					
Power Module rated capacity		10KW			20KW			25KW		

*:Special customized version.

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.