

POWERGEN

25~180kVA Modular UPS



Power range

25~180kVA



Operation

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



Applications

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



Characteristics

- Mounted in 19 inch rack, or stand alone.
- 7 inch touch LCD, with IoT functions.
- High reliability and environment adaptability, with protection of components level.
- Option of 30A charger module for long backup applications.
- Input filter function as standard.
- Compatible with inductive load.



Model	MOD 100	MOD 120	MOD 150	MOD 180
Rate Power	100kVA/100kW	120kVA/120kW	150kVA/150kW	180kVA/180kW
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≥96% ; Battery Mode≥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, Bottom entry kit, Wheels kit		
	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	482*816*796 (18U , wheels not included)		482*816*1018(23U , wheels not included)
	module(W*D*H)mm	440*678*85 (2U)		

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