

POWERGEN

10~120kVA Modular UPS



Power range

10~120kVA



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.
- Input filter function as standard.
- Compatible with inductive load.
- Option of 30A charger module for long backup applications.



Model		2-Slot Cabinet			4-Slot Cabinet			6-Slot Cabinet		
		MOD 20	MOD 30	MOD 40	MOD 40	MOD 60	MOD 80	MOD 60	MOD 90	MOD 120
	Rate Power	20kVA	30kVA	40kVA	40kVA	60kVA	80kVA	60kVA	90kVA	120kVA
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								
Dimension	cabinet(W*D*H)mm	482*700*396 (9U , wheels not included)			482*700*662(15U , wheels not included)			482*700*840(19U , wheels not included)		
	module(W*D*H)mm	440*555*85 (2U)								

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