

Источники бесперебойного питания (ИБП) POMIC PMUG10, PMUG15, PMUG20, PMUG30, PMUG40, PMUG60, PMUG80, PMUG100, PMUG120, PMUG150, PMUG200, PMUG300, PMUG400

Технические характеристики

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PMUG series three phase low frequency online UPS

10KVA ~ 400KVA

PMUG in high-power three-phase input three-phase output series UPS, stand-alone capacity from the 10 kva to the 400 kva, this series of products is the use of advanced DSP digital technology, cooperate with high-speed 16-bit digital chip, ASIC DDC control technology with the perfect combination of advanced high power devices IGBT and SCR.



Main characteristics

Dual static switch

By 12 SCR (silicon controlled rectifier) near the inverter side and roadside dual non-contact static switch, to ensure that the inverter power supply and the bypass uninterrupted switch between power supply, and make sure the output voltage waveform is continuous and smooth. Control circuit adopted a "zero" switching technology, ensures the UPS in synchronous phase lock switch time 0 ms, out of sync with power grid, switching time is less than 4 ms, no matter how to change, namely the grid frequency all can ensure the UPS output voltage, frequency stability and uninterrupted.

Self diagnose and self protection

PMUG series UPS has extremely strong self-diagnosis function, the whole machine set up 32 sensors, point to point with DSP detection and response of the ultra-high speed, makes PMUG series UPS self protection function is perfect, as many as 200 of the fault information prompt, and equipment parameters setting, real-time information data record diagnostic function to protect the UPS into the state in time, in addition, the machine is special equipment for emergency shutdown system is designed.

Rechargeable battery intelligent management

Can automatically adjust the 1 a - 50 - a large current charger, battery since the diagnosis and maintenance system, since the choice of the battery maintenance mode, the battery automatic alarm system, battery regularly circulation system, selection of no-load protection Settings, etc.

Strong English display interface

Using full digital touch screen LCD display in both English and Chinese, display content can select the Chinese/English set, running state, operating procedures, data collection and trouble shooting information at a glance.

Double transformation is on-line design

Using DSP digital control technique, the UPS control precision, fast, reliable, stable and have perfect protection function and high reliability; Output waveform distortion is small.

Flexible weaver technology

Suitable for different load and system, can be stand-alone, 1 + 1 run weaver, also can be more machine (N + 1) weaver.

System with high efficiency

Using ECO work mode, efficiency is as high as 98% above.

Technical Parameters

modelPMUG	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	150KVA	200KVA	300KVA	400KVA	
Nominalcapacity(KVA)	10	15	20	30	40	60	80	100	120	150	200	300	400	
Singe-phase maximum current input(A)	19	29	38	57	76	114	152	189	227	303	379	568	609	
Works as well as the principle	On-line power supply,static bypass switch(uninterrupted switch)double conversion technology													
Ac input parameters	Number of phase	Three-phase+N+G												
	Nominal voltage	380VAC±25%												
	Nominal frequency	50Hz±10%,60Hz±10%												
	The voltage harmonic distortion	<10%												
	Soft sart	0-100%5sec												
bypass	Number of phase	Three-phase+N+G												
	Nominal voltage	380VAC±15%												
	Nominal frequency	50Hz/60Hz±10%												
	Inverter/bypass(conversin)	0ms												
The battery	Number of battery unit	30knots/12v series												
	Nominal battery voltage	360V												
	maximum discharge current(A)	25	38	51	76	101	152	203	253	305	405	550	760	1015
	Float chargin voltage	405V(3 months automatic battery to charge,charge voltarge voltage 435V)												
	Charging curret	1A-50A(according to battery capacity setting)												
inverter	The load power factor	0.8(0.9optinal)												
	Number of phase	Three-phase+N+G												
	Nominal voltage	380VAC±1%(The steady-state load),380VAC±3%(The load fluctuation)												
	Nominal frequency	50Hz±0.05%,60Hz±0.05%(Battery power)												
	Frequency stability:when not in sync	<±0.05%												
	When the frequency stability:synchronization	<±5%												
	Output waveform	Sine wave												
	Total harmonic distortion	Lindar load<2%;The nonlinear load<4%												
	Dynamic load voltage transients	<5%(from 0 to 100% more												
	Transient recovery time	<10ms(±5%)												
	Unbalanced voltage	<±1%(Balance the load voltage),<±3%(Unbalanced load)												
	Overload capacity	Overload for ten min later turn the bypass,125% 150%overload lasts1 min after bypass												
	The inverter efficiency and load by 100%	0.95												
	The system structure	Total efficiency of 100% load	91%,95%.ECO											
Computer ommunication interface		Rs232,(Rs485.Network remote monitoring software)												
Operating temperature		0-40°C												
Relating humidity		0-90% Without any condensation												
Running high		<1500m(each additional,100meters power fell by 1%, the highest4000meters												
Cooling way		Forced vention(temperature control)												
Noise(db)		<65												
The body color		black												
The input cable		The bottom/bcak												
Easy to maintain		On/about/in front of the plane can be opened												
Lnput device		Terminal row												
The output device	Terminal row													

Size (D×W×H)	725×450×1135			855×450×1235		715×855×1500	1100×900×1700	1100×900×1700		1200×1500×1800		1300×1800×1800	
The host weight(kg)	200	250	340	400	480	650	900	1200	1300	1480	2000	2100	2500
Option to	Rs485,weaver board,network management system,battery testing sydstem,lightning protection devices for option is required to order												

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