



***PowerGuiding Series
Uninterruptible Power System***



PowerGuiding Series (10-80KVA) UPS → Online UPS

3/1 true online double conversion UPS for

- Data processing
- Medical imaging equipments
- Industrial process equipments
- Laboratories



Overview:

PowerGuiding is a online UPS with 3 phases input, single phase output and is available from 10KVA to 60KVA. Well designed software allows for paralleling and hot backup, as well as stand-alone. The PowerGuiding is suitable for banks, stockjobbers, telecommunications, traffics, industrial automation and so on.

Features:

- Double conversion true online design provides perfect protection and high reliability.
- Allows for stand-alone, flexible 1+1, N+1 paralleling for different load.
- Be able to pass strict short circuit test and 2KVA high voltage isolation test.
- Isolated transformer reduces harmonic current and anomalies of utility power acting on the load.
- DSP all-digital controls ensure system control precise, fast, stable, reliable.
- Provides powerful intelligent monitoring.
- Provides RS232, dry contact and paralleling interface.

General Specifications of PowerGuiding Series UPS								
Model		PG8	PG10	PG15	PG20	PG30	PG40	PG50
Power Rating (KVA)		8	10	15	20	30	40	50
Input	Voltage	380/400/415VAC±20% 3wires+N+G						
	Frequency	50Hz±10% or 60Hz±5%						
	Power Factor	0.95 (with Input Filter)						
	Soft Start	0 ~ 100% 5sec.						
	Control Mode	MOSFET & IGBT PWM						
	Max. current (A)	20	25	33	40	50	57	60
Battery	DC Voltage	192/384VDC (12V Battery,32Units)			348VDC (12V Battery,19Units)			
	Floating Charge Voltage	216/432VDC			392VDC			
	Low limit Voltage	168/336VDC			304VDC			
	Max.Discharge Current (A)	19	25	38	51	76	90	115
	Charge Current	10A ~ 25A (configurable)						
Output	Voltage	220VAC±1% (steady load) L+N+G						
	Frequency	50Hz±5% (utility power mode) 50Hz±0.05% (battery mode)						
	Waveform	Pure Sine wave						
	Total Harmonic Distortion	< 3% at linear load ; < 5% at nonlinear load						
	Power Factor	0.8 (lagging)						
	Overload Capability	< 125% for 10min; < 150% for 1min;			< 125% for 10min; < 150% for 1min; > 150% for 20s			
System Instructions	Efficiency	> 91%				> 95%		
	Transfer Time	0 ms						
	Communication Interface	RS232/RS422						
	Operating Temperature	0 ~ 40°C						
	Relative Humidity	0 ~ 95% noncondensing						
	Audible Noise	≤50dB at 1meter		≤55dB at 1meter			≤60dB at 1meter	
Physical	Dimension(W×D×H)mm	1140×560×800			400×800×1180			
	Weight (kg)	120	130	195	205	225	273	304
Remark		Product specifications are subject to change without further notice.						



Supplied Worldwide by:
POWER-plus

