

## UPS Uninterruptable Power Supply

### 1. Application

Back-up UPS is a technically-modified new product of the company on the basis of the previous UPS-500VA one and has multifunction as automatic voltage regulation of local electricity, synchronous switches for users load, protections of over-voltage, overvoltage, overcurrent, overcharge of batterie, feed and so on.

### 2. Specification



Product		On Line UPS parallel Redundancy (6~10kVA 1Ph/1Ph)			
Type		G6KN	G10KN	G6KNS	G10KNS
Rated power	VA/W	6kVA/4.2kW	10kVA/4.2kW	6kVA/4.2kW	10kVA/4.2kW
Input	Nominal voltage	220VAC (or 230/240VAC)			
	Voltage range	176~276VAC			
	Frequency range	46~54Hz			
	Phase	Single Pahse			
	Power factor	0.98			
	Connection	Hardwirde			
Output	Voltage	220VAC ± 1% (or 230/240VAC ± 1%)			
	Frequency	50Hz ± 1%(Battery mode)			
	Wave form	Sine wave			
	Power factor	0.7			
	Voltage distortion	2% under liner load			
	Overload capability	105%~130% for 10min, ≥ 130% for 1s.			
	Current crest ratio	3:1 max			
	Connections	Hardwired			
Battery	Type	Sealed, Maintenance free, Lead-Acid			
	Quantity	20 pieces		Depends on the requested back-up time	
	Nominal voltage	240 VDC			
	Back-up time(full load)	7min	5min	Depends on the capacity of the external battery bank	
	Recharge time	8 hrs to 90% of capacity after full load discharge		Depends on the capacity of the external battery bank	
	Connection	External Battery Socket			
Transfer time	0 ms				
Maintenance bypass switch	Yes				
LED indicators	Status	Load level/Battery level.Utility power, Inverter, Bypass, Overload.Fault			
	Bypass	Alarm beeps every two minutes			
Audible alarm	Battery discharge	Alarm beeps every four seconds, Every second if battery low			
	Overload	Alarm beeps two for every second			
	Fault	Alarm beeps continuously			
Acoustic Noise	At 1 meter distance	≤ 55 dB			
Communication	DB-9 port	RS232 serial interface			
	Intelligent slot	Options: SNMP Card, AS400 Card or Winpower CMC/(USB-Port)			
Parallel Port	Up to three units in parallel for power redundancy and load sharing				
Environmental	Operating temperature	0~40°C			
	Operating humidity	20~90% non-condensing			
Weight	Net(kg)	84	93	35	38
Dismensions	W x L x H (mm)	260 × 570 × 717			