

GW1-30K-E

---Main feature

- CPU control technology
- Fan motor intelligent control, also can be used with a generator
- Automatically select 50Hz/60Hz input frequency mode
- Bypass voltage set by RS232 Serial port
- MTBE: ≥200K hours, MTTR: 2min
- Manual maintenance bypass switch (optional)
- Fan motor temperature control intelligent protection, battery detect automatically
- Computer remote ability
- High performance battery optimized
- Double conversion pure on-line technology, super-width AC input voltage range
- Advanced display, set bypass voltage and output voltage range by the multi-function LCD panel
- ECO function



---Product introduction

It is based on double conversion intelligent on-line UPS, adopting advanced DSP digital control technology, with higher output performance indicators and many innovative designs, is an ideal power supply solution for small capacity of the scene. Small volume, light weight, low calorific value. Multi-functions including AC voltage regulator, back-up power and peak surge absorption as a whole, can meet the power protection of bad grid environment.

Specification

Model	GW1KS/L-E	GW2KS/L-E	GW3KS/L-E	GW6KS/L-E	GW/3W10KS/L-E	GW/3W15K-E	GW/3W20K-E	GW/3W30K-E
Capacity	1kVA	2kVA	3kVA	6kVA	10kVA	15kVA	20kVA	30kVA
Input features								
Voltage(Vac)	110~300				110~300/266-475	120~300/266-475		
Phase	Single phase				Single phase/3φ4W+PE			
Power factor	≥0.99							
Output features								
Voltage(Vac)	220±1%							
Frequency(HZ)	50/60±0.05% (battery mode)							
Transfer time (ms)	0							
Power factor	1.0							0.8/0.9/1.0
Battery voltage (Vdc)	36	72	96	192(16~20pcs can be adjustable)				
Waveform	Sine Wave, Linear Load THD≤2%; Non-linear Load THD≤5%							
Quantity of battery (Pcs) for 12V/9AH	2(24V)	4(48V)	6(72V)	16(192V)	16(192V)/External	External		
Efficiency (AC mode @ full loads)	≥92%			≥94%				
Overload	105% to 125%, transfer to bypass after 1 min; 125% to 150%, transfer to bypass after 30 seconds, with 15K-E and 20K-E transfer to bypass after 10 seconds; above 150%, transfer to bypass after 0.5 seconds;							
Crest factor	>3:1							
Others								
Charging Current	1~12A adjustable on W1-3KL-E & W6~30K-E							
DC start	Yes							
Backup time	Normally 5~8 mins/Long time need to depend on demands							
Communication function	RS232/USB/dry contact							
Display	LED display UPS work status, LCD display UPS work parameters							
Noise (dB)	<50(within 1 meter)							
Alarm	Battery low-voltage, mains abnormal, overload, UPS fault, over temperature protection							
Protection	Input over-voltage protection, battery under-voltage protection, overload protection, short circuit protection, over temperature protection							
Working temperature(°C)	0~40							
Humidity	20%~90% (no condensation)							
Size(D×W×H) (mm)	280*145*226(S/L)	390*145*226(S/L)	402*190*326(S) 390*145*226(L)	455*190*640(S) / 402*190*326(L)	500*240*460		500*248*616	
Weight(KG)	10/4	17/6	22/6	49/8	50/9	25	26	27

Note:

1. "L" is long backup UPS, "S" is standard UPS;
2. Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.

RGW1-30K-E



--- Application

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Size(D×W×H) (mm)	375*440*88(2U)(S)	375*440*88(2U)(L)	612*440*88(2U)(S)	1/1612*440*130(3U)	3/1700*440*130(3U)	660*440*260(6U)		
Weight(KG)	14/7	29/9	33/10	55/19	57/21	32	38	40

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