



Sine Wave, Double Conversion UPS, Galaxy Series, 1500VA~3000VA

General Features:

- Common Neutral, Double Conversion Topology (O/P Neutral to I/P Neutral is 0 volt normally)
- Wide Range Input Window and Input Power Factor correction
- 0.8 Output Power Factor
- Low Noise Smart Cooling Fan Design
- High Efficiency, New Full-bridge Inverter Design
- Smart backup time estimation (LCD display model)
- Adjustable floating charging voltage
- Automatic restart of loads after UPS shutdown
- Generator compatible
- Hot-swappable batteries for rack models (Optional)
- Smart battery management
- On-chip Repairing program for service
- Full function LCD display (LED display optional)
- Network manageable (SNMP optional)
- Programmable Receptacles (Optional)
- Remote Emergency Power Off (Optional)



ISO 9001

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Output		
	115V Models	230V Models
Capacity	1500VA, 1200W : 2000VA, 1600W : 3000VA, 2400W	
Output Voltage	100V/110V/115V/120V Selectable	200V/220V/230V/240V Selectable (208V optional)
Voltage Waveform	Sine wave	
Crest Factor	3 : 1	
Output Frequency (sync to mains)	Auto Detect for 50/60Hz (When power on) 50±2Hz or 60±2Hz	
Output Frequency (not sync to mains)	50±0.1Hz or 60±0.1Hz (Frequency Converter Mode)	
Regulation	±2% of selected output voltage (adjustable by using the setting software)	
Transfer time	AC to DC: zero : Inverter to bypass: 4ms typical > 100% overload alarm	
Over load protection	100%~115% for 60 seconds, then transfer to bypass mode : 115%~135% for 10 seconds, then transfer to by pass mode : >135% for 2 seconds, then transfer to bypass mode : If bypass mode is not available, then UPS will shutdown the O/P power.	
Harmonic Distortion	<3% (at full resistive load)	
AC mode Efficiency	Up to 90%	Up to 92%
Input		
	115V Models	230V Models
Nominal Voltage	100V/110V/115V/120V Selectable	200V/220V/230V/240V Selectable
Voltage Range	50V~143V *	100V~285V *
Frequency Range	Under Frequency Converter Mode, 40~70Hz **	
Power Factor	≥0.99	
Battery		
Battery type	Maintenance-free sealed, valve-regulated, Lead-Acid 12V, 7Ah or 12V, 9Ah (option)	
Battery Voltage	1500VA:36Vdc : 2000VA:48Vdc : 3000VA:72Vdc	
Typical backup time at half-load	9 minutes	
Typical backup time at 90% of full load	4 minutes	
Charging method	CC+CV with trickle charging voltage 13.2~13.9 adjustable	
Recharge time	7 hours to 90%	
Protection	Over current protection. Over charging voltage protection.	
Monitoring	Smart monitoring for failed battery or battery open circuit detection anwarning Auto-detect each time when power on and auto repeat the detection every 6 days.	
Communications & Management		
Standard Interface	UPSilon2000 compatible. RS232 + USB, optional for RJ45.	
Optional Interface	DB9, SNMP.	
Control panel	LCD or LED Selectable	
Audible alarm	On battery alarm:Low battery alarm, Over load alarm:Short-circuit alarm, Thermal alarm.	
EBT (Estimation of Backup time system)	Support for LCD display	
Green mode function (Auto-bypass when O/P load level too low)	1% to 14% of full load (adjustable by using the setting software) The default setting is OFF	
Environmental and Safety		
Operating Temp.	Up to 1500 meters: 0°C to 40°C (32°F to 104°F)	
Transit/storage Temp.	-15°C to 55°C (5°F to 131°F)	
Relative Humidity	5-95% non condensing	
Operating Altitude	0~3000 meters	
Audible noise (at 1 meter from surface of unit)	≤45 dBA	
Safety Markings	BSMI	CE
Quality control system	ISO9001	
Physical		
Dimension		
W × D × H (mm)	1500VA/2000VA:45 × 20 × 18cm : 3000VA:51 × 20 × 18cm	
Net Weight (NW/GW)	1500VA:14kg/16kg : 2000VA:17kg/19kg : 3000VA:23kg/25kg	
Packing	Export carton for each unit, 24-30 units per pallet.	

P.S.

05.2014.1000

* De-rate the capacity when I/P voltage is between 50Vac~85Vac, or 100Vac~170Vac.

** De-rate to 80% of the capacity in Frequency converter mode.

*** Specifications subject to change without prior notice.