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
- 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)

⊟ 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	
Over load protection	> 100% overload alarm 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 and warning 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, Thermo 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℃ to 40℃ (32℉ to 104℉)
Transit/storage Temp.	-15℃ to 55℃ (5℉ to 131℉)
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 DxHxW (mm)	**Tower type** ： 1500VA/2000VA：45×20×18cm / 54 x 33 x 30cm 3000VA　　　：51×20×18cm / 61 x 33 x 30cm **Rack type** ： 1500VA/2000VA：2u x 43cm / 22.5 x 61 x 55cm 3000VA　　　：2u x 51cm / 22.5 x 61 x 63cm
Net Weight (NW / GW)	**Tower type** ： 1500VA:14kg / 16kg；2000VA:17kg / 19kg；3000VA:23kg / 25kg **Rack type** ： 1500VA:18kg / 20kg；2000VA:21kg / 23kg；3000VA:27kg / 29kg
Packing	Export carton for each unit, 24 - 30 units per pallet

P.S.
* 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.