

On-Line UPS

Liberty 6



6kVA



Features:

- Output Power Factor 1
- Wide Input Range 160 - 276VAC with full load
- No power derating in full operating temperature range
- 95% Efficiency in Inverter Mode
- Input THDi <3%
- Output THDv <5%
- 3 hours to achieve 90% charge
- Charger current adjustable from 1 - 4A using LCD display
- Internal Maintenance Bypass Switch included
- External Maintenance Bypass Switch optionally available
- Parallel connection optionally available

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SPECIFICATIONS:

MODEL		Liberty 6
CAPACITY	VA/W	6000VA/6000W
INPUT	Input Voltage Range (at ≤50% Load)	160 - 276VAC
	Input Voltage Range (at >50% Load)	110 - 276VAC
	Frequency Range	40 - 70Hz
	Input Wiring	Single phase with ground
	Current Distortion (THDi)	<3% at full load
OUTPUT	Output Power Factor	1
	Nominal Output Voltage	220/230/240VAC
	Voltage Regulation	± 1%
	Frequency Range (Battery Mode)	50/60 ± 0.05Hz
	Current Crest Ratio	3:1
	Voltage Distortion (THDv)	<1% (Linear Load) <5% (Non-Linear Load)
	Output Waveform	Pure Sine Wave
EFFICIENCY	Parallel Operation	Up to 3 units
	Inverter Mode	95%
	Battery Mode	92%
BATTERY	ECO Mode	98%
	Battery Type	12V 7Ah
	Number of Internal Batteries	16
	Rated Battery Voltage	192VDC
	Backup Time (at PF 0.9 Load)	4.5 minutes
	Backup Time (at 80% Load)	5.5 minutes
	Recharge Time (to 90%)	3 hours
TRANSFER TIME	Charging Current	1.4A (0 - 4A adjustable)
	Battery Mode to Inverter Mode	0ms
	Inverter Mode to Bypass Mode	0ms
DISPLAY	ECO Mode to Battery Mode	10ms
		LCD
AUDIBLE ALARM	Battery Mode	Sounding every 4 seconds
	Battery Low	Sounding every second
	Fault	Sounds continuously
	Overload	Sounds twice every second
DIMENSION	WxHxD (mm)	220 x 589 x 492
	Net Weight (kg)	54
ENVIRONMENT	Operating Temperature	0 - 40°C
	Noise Level	<45dB at typical load
INTERFACE	RS232/USB	Yes
	External Slot	Yes
	Emergency Power Off (EPO)	Yes
	SNMP	Optional

* Product specifications are subject to change without further notice