



* IS1100LT / IS2200LT / IS3000LT

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Features

- * Smart backup time estimation for any kind of battery
- * Adjustable voltage sensitivity
- * Adjustable voltage-transfer points
- * Adjustable charging voltage
- * Generator compatible
- * Automatic restart of load after Inverter shutdown
- * Smart AVR function (Two buck / boost modes)
- * Intelligent double stages of charging control, Wet battery compatible
- * Audible alarm
- * Hot-swappable batteries for rack models
- * Network manageable (SNMP optional)
- * Full function of LCD display (LED display optional)
- * Smart battery management
- * Cold-start capable
- * Thermal control cooling fan

Specifications

Model	IS1100LT	IS2200LT	IS3000LT
On-battery Output Waveform	Pure Sine Wave		
Crest Factor	3 : 1		
INPUT			
Maximum Capacity	1100VA / 660W	2200VA / 1350W	3000VA / 1800W
Nominal Input Voltage	100/110/115/120Vac (selectable) or 200/220/230/240Vac (selectable)		
Nominal Input Frequency	47Hz ~ 65Hz, 50/60Hz auto-sensing		
Input Voltage Range	-20% ~ +24% for selected nominal voltage. -29% ~ +33% adjustable by using the remote set-up software		
Input Short Protection	Fuse	Circuit Breaker	
OUTPUT			
Nominal Output Voltage	100/110/115/120Vac (selectable) or 200/220/230/240Vac (selectable)		
Output Voltage Regulation (DC Mode)	±3% of selected output voltage (adjustable by using the remote set-up software)		
Transfer Time	< 4ms		
Start on Battery	Yes		
Auto Restart	Yes		
PROTECTION			
Automatic Voltage Regulation (AVR)	Yes		
Data Line Surge Protection	RJ45		
Surge Energy Rating	1100VA(216 Joules), 2200VA ~ 3000VA(324 Joules) 1100VA(220 Joules), 2200VA(440 Joules), 3000VA(660 Joules)		
BATTERY			
Battery Type	Lead-Acid 25Ah ~ 250Ah		
Average charging current	11A at normal line and normal temperature		
DC Voltage	1100VA : 24Vdc (48Vdc optional), 2200VA : 48Vdc, 3000VA : 72Vdc		
ADVANCED WARNINGS / DIAGNOSTICS			
Control Panel	LCD or LED Selectable		
Audible Alarms	Alarm on battery : Low battery & Battery over voltage Alarm on abnormal operation : Over load, Short-circuit, & Over heat		
COMMUNICATIONS INTERFACE			
Communication Port	RS232, optional for USB	RS232 + USB Port	
ENVIRONMENTAL			
Operation Temperature	0~40°C / 32~104°F		
Storage Temperature	-15~55°C / 5~131°F		
Audible Noise (AC Mode)	≤50dBA		
PHYSICAL			
Dimensions (Physical / Packing) (in)	17.7×7.1×7.9 / 21.3×11.8×13		
(L×W×H) (mm)	450×180×200 / 540×300×330		
Weight (Net / Gross) (lbs)	33.1 / 35.3	41.9 / 44.1	50.7 / 52.9
(kg)	15 / 16	19 / 20	23 / 24
Battery Box Dimensions (Physical / Packing) (L×W×H) (inches / mm)	17.7×7.1×7.9 / 21.3×11.8×13 450×180×200 / 540×300×330		