



* IS1100NT / IS1700NT / IS2500NT / IS3500NT

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Features

- * Wide DC input range
- * Output short circuit protection
- * DC input polarity protection
- * Sine Wave output
- * Designed for any kind of load
- * Adjustable low battery shutdown level
- * Automatic restart of load after overload shutdown
- * Audible alarm
- * Thermal control cooling fan
- * Generator compatible(models with AC input)
- * Smart Bypass function (models with AC input)
- * Full function of LED display (LCD display optional)

Specifications

Model	IS1100NT	IS1700NT	IS2500NT	IS3500NT
On-battery Output Waveform	Pure Sine Wave			
Crest Factor	5 : 1			
INPUT				
Maximum Capacity	1000VA / 700W	1700VA / 1200W	2500VA / 1800W	3500VA / 2400W
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	-30% ~ +33% for selected nominal voltage.25:25			
OUTPUT				
Nominal Output Voltage	100/110/115/120Vac (selectable) or 200/220/230/240Vac (selectable)			
Output Voltage Regulation (DC Mode)	±3% (output voltage adjustable by using the remote set-up software)			
Transfer Time	2ms			
Start on Battery	Yes			
Auto Restart	Yes			
PROTECTION				
Automatic Voltage Regulation (AVR)	Yes (2 Bucks, 2 Boosts)			
Data Line Surge Protection	RJ45			
Surge Energy Rating	1000VA(216 Joules), 1700VA ~ 3500VA(324 Joules) 1000VA(220 Joules), 1700VA/2500VA(440 Joules), 3500VA(660 Joules)			
BATTERY				
DC Voltage	24Vdc(20Vdc ~ 32Vdc) : 1000VA / 1700VA 48Vdc(40Vdc ~ 64Vdc) : 1000VA / 1700VA / 2500VA / 3500VA 72Vdc(60Vdc ~ 96Vdc) : 1700VA / 2500VA / 3500VA 96Vdc(80Vdc ~ 128Vdc) : 1700VA / 2500VA / 3500VA 108Vdc(90Vdc ~ 144Vdc) : 1700VA / 2500VA / 3500VA			
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 + 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		20.×7.1×7.9 / 24×11.8×13
(L×W×H)	(mm)	450×180×200 / 540×300×330		510×180×200 / 610×300×330
Weight (Net / Gross)	(lbs)	35.3 / 37.5	41.9 / 44.1	50.7 / 52.9
	(kg)	16 / 17	19 / 20	23 / 24
				68.3 / 72.8
				31 / 33

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