



FEATURES

Pure Sine Wave – Double Conversion Technology—

Provides an ultra-low noise/distortion, fully regulated AC output to power your sensitive AV/IT/Security equipment. Near-perfect AC power improves equipment performance, reduces equipment lockups, and extends equipment life.

High Power Factor—A high power factor means more usable wattage for your connected equipment!

High Current In-rush Capabilities—High over-current supply capacity means the UPS will not falter when you turn ON connected equipment.

SNMP Card—All UPSs come standard with an SNMP card. This card allows for remote network-based access to UPS status such as Input and Output Voltage Level, Battery Backup Time Remaining, etc. via its internal web server. Other functionality includes SNMP V1/V2/V3 support as well as email alerts when UPS is in alarm mode.

Rack Mounting and Floor Standing Hardware—All UPSs come standard with 2RU front rackmount brackets, & pedestal brackets for tower-style floor standing. 2kVA & 3kVA models also come standard with 4-post rack rails.

Hot Swappable Batteries—No more downtime because of battery issues! When the batteries need replacing, simply remove the front cover and battery cover to gain access to the standard batteries. No need to remove the UPS from the rack and no need to turn off the UPS!

Warranty—Three year warranty on the UPS electronics and batteries. For five year warranty option, consult your representative.

PROTECT YOUR AV INVESTMENT AND REDUCE DOWNTIME

We take for granted that electrical power is abundant, stable, and free of disturbances. But power issues cause a great deal of AV system downtime. By using the Innovolt Double Conversion / On-Line Uninterrupted Power Supply (UPS), you can provide disturbance-free, stable power to your rack to extend equipment life, improve performance, and reduce downtime.

A Double Conversion / On-Line UPS takes unstable AC power from either the grid or a secondary power source, converts it to DC, then regenerates a very Low THD AC Sine Wave with +/-1% accuracy for both voltage and frequency. It not only provides continuous power when switching to or from a secondary power source (no more unwanted system reboots after a power outage!), but it also acts as a full-time voltage regulator to provide the clean, stable power your electronics are designed to accept, providing round-the-clock protection.

Improve System Performance with a Precision Voltage Regulating UPS

MODEL SELECTION GUIDE

		INV-1000-2B	INV-2000-4B	INV-3000-6B
CAPACITY	Power rating	1000VA (1000W)	2000VA (1930W)	3000VA (2880W)
INPUT	Voltage/frequency	55–150VAC* / 50/60Hz auto-sensing		
OUTPUT	Voltage	120VAC nominal (100/110/115/127 selectable)**		
	Waveform	Pure sine wave, 2U: <=2% THD (linear load), <=4 THD (non-linear load)		
	Frequency	50/60Hz ± 0.1Hz		
	Efficiency	Up to 98%		
	Overload capacity	2U online mode: > 110% & ≤ 130% for 5 min; > 130% & ≤ 140% for 30 sec; >140% for 1.5 sec		
BATTERY	Battery chemistry	Sealed, maintenance-free lead acid		
	Battery size	(2) 12V 9AH	(4) 12V 9AH	(6) 12V 9AH
	Typical recharge / charger	< 3 hours to 95% with 2A charger current		
	Charging current	2A default, max 8A adjustable		
PHYSICAL	Dimensions (W x D x H)**	17.2 x 15.1 x 3.5 in	17.2 x 19 x 3.5 in	17.2 x 23.8 x 3.5 in
	Weight	25.5 lbs	43 lbs	60.6 lbs
	Line cord	6 ft, 5–15P	6 ft, 5–20P	6 ft, L5–30P
	Receptacles	(8) NEMA 5-15R	(8) NEMA 5-15/20R	L5–30R + (6) 5-15/20R
ENVIRONMENT	Operating temperature	32–104°F (0–40°C)		
	Altitude	11,500 ft above sea level		
APPROVALS		UL, cUL, RoHS, FCC Class B (1kVA), FCC Class A (2kVA, 3kVA) TAA Compliant		
WARRANTY		3 years electronics, 3 years battery warranty (USA and Canada)		
COMMUNICATIONS INTERFACE		Intelligent Slot with included SNMP card, RS-232, USB, EPO		
INCLUDED IN BOX		SNMP Card, 4-Post Rack Rails (2kVA and 3kVA models), 2RU Front Rackmount brackets, Floor Standing pedestals, Software for control via USB, User Manual		

* Depending on load level.

** Rack depth is front bracket to unit panel. Add 1" for depth including front bezel.

*** Capacities are based on highest selectable voltage. Some models derate at lower voltages

BATTERY RUNTIMES

	Internal batteries	
Percentage load:	50%	100%
INV-1000-2B	6	3
INV-2000-4B	10	3
INV-3000-6B	10	3

Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.

