

High Voltage Uninterruptible Power Supplies

Environmentally Friendly, Quiet, Reliable, AC Power

Output Voltage (VAC)	120 ±5%
Output Frequency:	60 Hz ± 0.02%
Output Waveform:	Quasi-sine wave, with waveform stabilizer
Input Voltage: (VDC)	190 to 300 with maximum 5% ripple
Operating Temperature:	0° to 40° C (32° to 104° F)
Efficiency:	Up to 80%

Other Design Features:

- NEMA type 4X enclosure (protection against corrosion, wind blown dust and rain, splashing water, and hose directed water and ice) Since enclosure must remain sealed, internal fan circulates air for convection/conduction to aluminum housing.
- LED indication for Converter power, Inverter power, Buss low input voltage, Battery low input voltage, Overload, and High temperature
- Audio Alarm to indicate 250 VDC buss failure
- Will hold a high voltage transient less than 600 volts with 200 amps flowing for 100 microseconds, up to 370 watt-seconds peak absorption

Unit Protection:

- Overload shutdown in 5 seconds, manual reset
- High temperature shutdown with auto reset
- Output circuit breaker

Battery Protection:

- **DC to DC Converter** (250VDC to 27VDC) Shutdown at 190VDC after 5 seconds and auto reset at 205VDC
- **DC to AC Inverter** (27VDC to 120VAC) Shutdown when battery drops below 21VDC for 5 seconds, manual reset
- Temperature compensated float voltage
- Internal Fuse

MODEL NUMBER	ADI-250/900UPS	ADI-250/1800UPS
Full Load Output Current (Amps AC)	7.5	15
Full Load Input Current (Amps DC)	4.5	9
Run Time @ Half Load (minutes)	25	10
Run Time @ Full Load (minutes)	10	5
Weight (lbs.)	80	96
Dimensions in. (WxHxD)	24 x 24 x 8	24 x 36 x 12

Usage: Any 120 VAC, 60 Hz, product within the inverter's power rating that does not require a pure sine waveform.

Warranty: Full year parts and factory labor.