

DataRemote ACC-PI01

The DataRemote ACC-PI01 is a versatile electrical device designed to convert direct current (DC) power from a DataRemote enabled device into alternating current (AC) power. Engineered with advanced electronic circuitry, it efficiently transforms DC input into stable and clean AC output, conforming to standard voltage and frequency requirements for seamless integration with a wide range of appliances.



Parameters

DC Input

Rated input voltage: 12.5V
DC voltage input range: 11-15VDC
No-load input current: $\leq 250\text{mA}$

AC Output

Alternating voltage: $115\text{V} \pm 10\text{V}$
Rated power: 150W

Note: The UPS output of DataRemote devices limited to 50W, which in turn limits the inverter AC power output to less than ~50W

AC output frequency: $60\text{Hz} \pm 2\text{Hz}$
Output voltage waveform: Modified sine wave
Conversion efficiency: 88%

Other Specifications

Connection Method: Molex 3.0-4P cable 0.6m length
Housing Material: ABS+PC
AC Plug: 1 * US Plug
LED display: 1
Product size: $60 \times 60 \times 63\text{mm}$
Gift-box size: $70 \times 80 \times 105\text{mm}$

Protection

Low voltage protection: $9.5 \pm 0.5\text{V}$
Overvoltage protection: $16\text{V} \pm 0.5\text{V}$
Overload protection: $\geq 160\text{W}$
Heat dissipation method: Smart Fan Start at 45°C
Over temperature protection: $105^\circ\text{C} \pm 5^\circ\text{C}$

Temperature

Operating ambient temperature: $-10^\circ\text{C} \sim 60^\circ\text{C}$
Storage environment temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$
Working humidity: 40%-60%RH
Storage humidity: 40%-60%RH



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