



High Voltage Converter

Power up the cloud node or single io in areas where high voltage power is available. The hv converter accepts 90 - 264VAC and converts it to 12VDC at 2a. It's perfect for interfacing with the nearest high voltage source and eliminating the need to run a power wire to controllers.



Model

PN: HVC

Specifications:

Input

Voltage Range: 90~264Vac auto range
Frequency: 47~63Hz
Efficiency: The average efficiency at 25%, 50%, and 100% load \geq 82%
Input Current: 90~132Vac / 12V / 2A load \geq 1A
180~264Vac / 12V / 2A load \geq 0.5A

Output

12V 0A to 2A

Protection

Auto recovery on Over-current, Over-temp, Short, Over-voltage

Environmental

Temperature: 0° ~ +50° C 100% load, +60° C 80% load, +70° C 60% load
Storage temp: -20 to 70°
Operating humidity: 10% - 90%
Storage humidity: 10% - 95%

CE

Input: 3.0KVac
Output: 3.0KVacEC

Isolation

CE: In conformance with EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC

Reliability

>100,000 hours@ 100% load and normal inputs (25°C)

Enclosure

Dimensions (W x H x D) 5" x 5" x 2"
Metal lockable security can (indoor use only)

Weight

HVC - 1.37 lbs (22 oz)

Manufacturer's Limited Warranty

One to three-year warranty against defects in materials and workmanship. For full details visit prodatakey.com.

Electrical Safety

UL/cUL, TUV, CB by Demko, CCC, CE, KC, BSMI refer to EN 60950-1

Visit www.prodatakey.com/resources to access marketing, installation, and support resources. For questions about the high voltage converter, please contact support@prodatakey.com.