



# hvconverter

## 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](http://prodatakey.com).

### Electrical Safety

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

Visit the ProdataKey dealer website [support.pdk.io](http://support.pdk.io) to access marketing, installation and support resources. For questions about the high voltage converter, please contact [support@prodatakey.com](mailto:support@prodatakey.com)