

Product Specification

FEATURES

- ❑ Efficiency: 87% typical
- ❑ Industry standard half brick size (61.0mm x 57.9mm x 12.7mm)
- ❑ Wide input voltage range: 36V-75V
- ❑ Operating case temperature range: -40°C to 100°C
- ❑ Fixed Frequency
- ❑ Adjustable output voltage
- ❑ Low output noise
- ❑ Overtemperature protection
- ❑ Metal baseplate
- ❑ Output overvoltage protection
- ❑ Output overcurrent protection
- ❑ Remote sense & Remote on/off
- ❑ Case ground pin
- ❑ Constant frequency
- ❑ 1500Vdc isolation
- ❑ Designed to meet UL60950, EN60950 and CE mark requirements

The AP301 series power modules are cost effective board mountable DC/DC converters, which operate over an input voltage range of 36Vdc to 75Vdc and provide precisely regulated single DC outputs.

The output is fully isolated from the input, allowing versatile polarity configurations and grounding connections.

The 60A converter has a maximum power rating of 150watts (@2.5Vo) The power modules are suited for board level applications in a distributed power architecture requiring isolated power.

Applications include:

- Distributed power architectures
- Telecom / datacom equipment
- Network applications
- Computer equipment



APC-H301 series Half Brick Single output DC-DC Converter - 60A

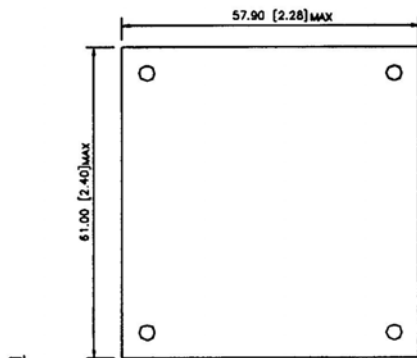
Range Guide Please contact APC for other non-standard & special output voltages

Model Number	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Efficiency (%)
APC-H301-048-025	48	2.5	60	87
APC-H301-048-020	48	2.0	60	86
APC-H301-048-018	48	1.8	60	86
APC-H301-048-015	48	1.5	60	83
APC-H251-048-033	48	3.3	50	90
APC-H251-048-018	48	1.8	50	87
APC-H201-048-033	48	3.3	40	90
APC-H201-048-025	48	2.5	40	89
APC-H201-048-020	48	2.0	40	88
APC-H201-048-018	48	1.8	40	87
APC-H201-048-015	48	1.5	40	86
APC-H151-048-050	48	5.0	30	89
APC-H151-048-033	48	3.3	30	89
APC-H151-048-025	48	2.5	30	87
APC-H151-048-020	48	2.0	30	86
APC-H151-048-018	48	1.8	30	83
APC-H151-048-015	48	1.5	30	81
APC-H101-048-050	48	5.0	20	90
APC-H101-048-033	48	3.3	20	90
APC-H101-048-025	48	2.5	20	88
APC-H101-048-020	48	2.0	20	87
APC-H101-048-018	48	1.8	20	85
APC-H101-048-015	48	1.5	20	83
APC-H071-048-050	48	5.0	15	91
APC-H071-048-033	48	3.3	15	91
APC-H071-048-025	48	2.5	15	87
APC-H071-048-020	48	2.0	15	87
APC-H071-048-018	48	1.8	15	86
APC-H071-048-015	48	1.5	15	83

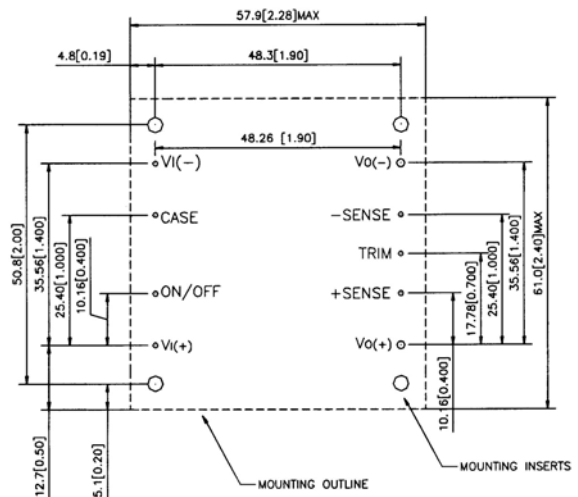
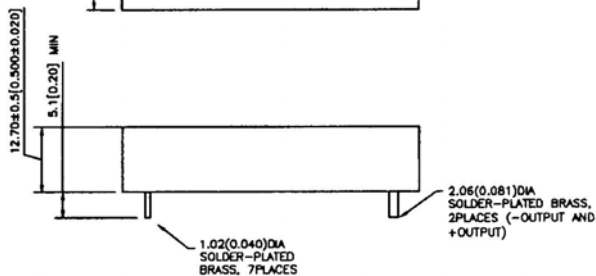
Please note that both Positive and Negative On/Off logic is available and an option of both standard and short pin lengths are offered (Short pin = ± 0.25mm.) Please state preference when ordering.

Mechanical Outline

Top View



Side View



Dimensions are in millimetres and [inches]
 Tolerances: x.xmm +/- 0.5mm [x.xx in. +/- 0.02in
 x.xxmm +/- 0.25mm [x.xxx in. +/- 0.010in]