

ALL PSU DATA SHEET.

200 Watt Single Output Converter.

- 18~36 or 36~75 VDC Input
- Fixed Frequency/Synchronization
- Remote Sense / Remote On/Off
- * High Efficiency
- Over Current/Over Voltage & Over Temperature Protection
- Single Wire Current Share
- Standard Full Brick Footprint
- Low Input And Output Ripple



Description.

The F201 series of 200 Watt DC input base plate cooled modules are designed as stand alone converters or to be used as building blocks in higher power DC to DC systems where their high efficiency, fixed switching frequency and low input and output ripple & noise are key benefits. The modules are fully isolated and offer a number of useful standard features such as synchronization, output trim, remote on/off, current share, internal thermal monitoring and output current monitor.

Specification.

Input Voltage	24 Volts (18~36) / 48 Volts (36~75) DC
Output Voltage	See Table Below (plus trim range +/-10%)
Efficiency	>83% Depending On Output Voltage
Switching Frequency	Fixed 300KHz
Line Regulation	0.1% Over Full Range @ Full Load
Load Regulation	0.1% Over Full Range
Current Limit	120% (+ Crowbar Short Circuit Protection)
Power Sharing Accuracy	5% @ Full Load
Isolation	I/P-O/P 1500 Volts
Operating Case Temperature	-25~+85°C
Storage Temperature	-55~+125°C
MTBF (calculated)	1 Million Hours
Size	117 x 61 x 12.7mm (Plus Pins)

Model	Input Voltage	Output Voltage	Output Current
APC-F201-024-033	18~36 VDC	3.3 Volts	40.0 Amps
APC-F201-024-050	18~36 VDC	5Volts	40.0 Amps
APC-F201-024-120	18~36 VDC	12 Volts	16.7 Amps
APC-F201-024-150	18~36 VDC	15 Volts	13.3 Amps
APC-F201-048-033	36~75 VDC	3.3 Volts	40.0 Amps
APC-F201-048-050	36~75 VDC	5 Volts	40.0 Amps
APC-F201-048-120	36~75 VDC	12 Volts	16.7 Amps
APC-F201-048-150	36~75 VDC	15 Volts	13.3 Amps

(Other Output Versions May Be Available For OEM Applications)

For full specification and mechanical drawing please contact ALL PSU sales office.

Specifications are subject to change without notice. E&OE.

Further DC-DC Converters From ¼ Watt to 600 Watts Can Be Found at www.allpsu.co.uk

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