

## ALL PSU DATA SHEET.

### 200 Watt Single Output Converter (High Voltage DC Input)

- Rectified Mains or PFC Input
- Fixed Frequency/Synchronization
- Remote Sense
- Remote Shutdown
- Over Current/Over Voltage & Over Temperature Protection
- Single Wire Current Share
- Standard Full Brick Footprint
- Low Ripple



#### Description.

The F251 series of high voltage DC input base plate cooled modules are designed as stand alone converters or to be used as building blocks in a modular AC to DC power supply when used with either a discrete mains rectifier or the APC Power Factor Corrected front end module. The modules are fully isolated and offer a number of useful standard features such as synchronization, trim, remote on/off, current share and internal thermal monitoring.

#### Specification.

Input Voltage	200~400 VDC (Max Surge <1sec 425 VDC)
Input Current	0.83 Amps Typical
Output Voltage	See Table Below (plus trim range min +/-10%)
Over Voltage Protection	125% of Output Voltage
Efficiency	>80% Depending On Output Voltage
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 3750 Vrms
Operating Temperature	-25~+85°C
Storage Temperature	-40~+85°C
Size	117 x 61 x 12.7mm (Plus Pins)

Model	Input Voltage	Output Voltage	Output Current
APC-F251-300-033	200~400 VDC	3.3 Volts	40 Amps
APC-F251-300-050	200~400 VDC	5 Volts	40 Amps
APC-F251-300-120	200~400 VDC	12 Volts	16.7 Amps
APC-F251-300-150	200~400 VDC	15 Volts	13.3 Amps
APC-F251-300-240	200~400 VDC	24 Volts	8.3 Amps
APC-F251-300-280	200~400 VDC	28 Volts	7.1 Amps
APC-F251-300-480	200~400 VDC	48 Volts	4.2 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.

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