



# CHASSIS MOUNT CFB600W-110S SERIES 600 WATT 4:1 INPUT DC-DC CONVERTERS



## FEATURES

- \* 600W Isolated Output
- \* Efficiency to 88%
- \* Fixed Switching Frequency
- \* 4:1 Input Range
- \* Regulated Outputs
- \* Remote On/Off
- \* Over Temperature Protection
- \* Over Voltage/Current Protection
- \* Continuous Short Circuit Protection
- \* Shock & Vibration Meets EN50155 (EN61373)
- \* Safety Meets UL60950-1, EN60950-1, and IEC60950-1
- \* UL60950-1 2<sup>nd</sup> (Basic Insulation) Approval for DC Modules
- \* Meets EN50155:2007 for EMC, Environmental and Characteristic
- \* Build-In EMI Filter
- \* Fire & Smoke Meets EN45545-2
- \* Baseplate Cooled



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.	Capacitor Load max.
			MIN.	MAX.	NO LOAD	FULL LOAD		
CFB600W-110S12□-CMFD	43-160VDC	12 VDC	0mA	50A	25mA	6.3A	87	10000μF
CFB600W-110S24□-CMFD	43-160VDC	24 VDC	0mA	25A	25mA	6.2A	88	10000μF
CFB600W-110S28□-CMFD	43-160VDC	28VDC	0mA	21.4A	25mA	6.2A	88	10000μF
CFB600W-110S48□-CMFD	43-160VDC	48VDC	0mA	12.5A	25mA	6.2A	88	10000μF

### NOTE:

1. Nominal Input Voltage 110VDC
2. □ = P or None.
3. VR is Used for Output Voltage Adjustment.
4. Refer to Application Note for Thermal Resistance and Derating Informations.
5. TVS is Included for Input Surge Voltage Pprotection.
6. Recommend an External Fuse for Input Reverse Polarity Protection (shunt diode is include inside).

