

Features:

- ✓ High Efficiency, and High reliability
- ✓ Output protections: SCP/OVP/OPP/OLP
- ✓ Wide operating ambient temperature (0°C~50°C)
- ✓ All using 105°C long life electrolytic capacitors.
- ✓ 100% full load burn-in test
- ✓ 1 year warranty



SPECIFICATIONN

MODEL		DCM-48D60S5	DCM-48D60S12	DCM-48D60S15	DCM-48D60S24
OUTPUT	DC Output	5V	12V	15V	24V
	Rated Current	12A	5A	4.0A	2.5A
	Current Range	0~12A	0~5A	0~4.0A	0~2.5A
	Ripple and Noise Note 2	50mV	120mV	150mV	240 mV
	Voltage ADJ. Range	±5% of rated output voltage			
	Voltage Accuracy	±3.0%	±3.0%	±3.0%	±3.0%
	Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%
	Load Regulation	±2.0%	±2.0%	±2.0%	±2.0%
	Temperature Coefficient	±0.03%/°C			
	Overshoot and Undershoot	<5.0%			
INPUT	Voltage Range	40VDC~60VDC			
	Efficiency (Typical)	70%	78%	78%	80%
	DC Current (max.)	3.0	3.0A	2.5A	2.0A
	Leakage Current	<3.5Ma			
PROTECTION	Over Current	105%~180% of rated output current, Constant power			
	Over Voltage	110%~180% of rated output voltage, Constant voltage			
	Shorted Circuit	Long-term mode, auto recovery			
ENVIRONMENT	Operating amb. Temp. & Hum.	0°C-45°C 20%~90%RH No condensing			
	Storage Temp. & Hum.	-25°C-85°C 10%~95%RH No condensing			
SAFETY & EMC	Safety Standards	GB4943; EN60950			
	Withstand Voltage	Primary-Secondary:0.5KVac; Primary-PG:0.5KVac; Secondary-PG:0.5KVDC			
	Isolation Resistance	100M ohms			
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25°C Full load)			
	Dimension (L*W*H)	160x98x38mm			
	Connection	7P/8.025mm barrier terminal block			
	Cooling method	Cooling by free air convection			
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 47uF parallel capacitor.				