



■ **Features:**

- DC input range: 72VDC~144VDC
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OPP/OLP
- Wide operating ambient temperature (0°C ~45°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- 1 year warranty

■ **SPECIFICATIONN**

MODEL		DCM-110D240S24	
OUTPUT	DC Output	24V	
	Rated Current	10A	
	Current Range	0~10A	
	Ripple and Noise Note2	240mV	
	Voltage ADJ. Range	±5% of rated output voltage	
	Voltage Accuracy	±2.0%	
	Line Regulation	±0.5%	
	Load Regulation	±1.0%	
	Temperature Coefficient	±0.03%/°C	
	Overshoot and Undershoot	<5.0%	
INPUT	Voltage Range	72VDC~144VDC	
	Efficiency (Typical)	110VDC	85%
	DC Current (max.)	4.8A	
	Leakage Current	<3.5mA	
PROTECTION	Over Current	105%~150% of rated output current, auto recovery	
	Over Voltage	115%~150% of rated output voltage, auto recovery	
	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	EN60950-1	
	Withstand Voltage	Primary-Secondary:2.0KVac; Primary-PG:1.0KVac; 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)	226×115×50mm	
	Connection	11P/8.025mm barrier terminal block	
	Cooling method	Cooling by free air convection	
NOTE	<p>1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature.</p> <p>2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 47uF parallel capacitor.</p>		