


**■ Features:**

- DC input range: 20VDC~30VDC
- 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

**SPECIFICATION**

<b>MODEL</b>		DCM-24D60S12	
<b>OUTPUT</b>	DC Output		12V
	Rated Current		5.0A
	Current Range		0~5.0A
	Ripple and Noise Note 2		120mV
	Voltage ADJ. Range		±5% of rated output voltage
	Voltage Accuracy		±3.0%
	Line Regulation		±0.5%
	Load Regulation		±2.0%
	Temperature Coefficient		±0.03%/°C
	Overshoot and Undershoot		<5.0%
<b>INPUT</b>	Voltage Range		20VDC~30VDC
	Efficiency ( Typical)	24VDC	78%
	DC Current (max.)		5.0A
<b>PROTECTION</b>	Over Current		105%~180% of rated output current, auto recovery
	Over Voltage		115%~150% of rated output voltage, shut down
	Shorted Circuit		Long-term mode, auto recovery
<b>ENVIRONMENT</b>	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
<b>SAFETY &amp; EMC</b>	Safety Standards		GB4943
	Withstand Voltage		Primary-Secondary:0.5KVDC; Primary-PG:0.5KVDC; Secondary-PG:0.5KVDC
	Isolation Resistance		100M ohms
<b>OTHERS</b>	MTBF (MIL-HDBK-217F)		More than 100,000Hrs (25°C Full load)
	Dimension (L*W*H)		160×98×40mm
	Connection		7P/8.025mm barrier terminal block
	Cooling method		Cooling by free air convection
<b>NOTE</b>	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.		