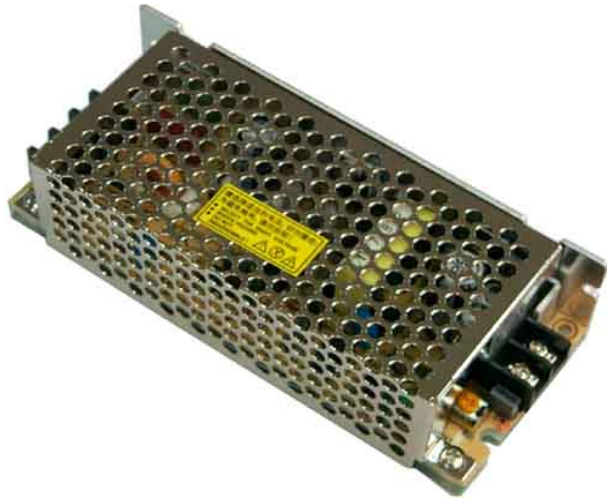


SYNERGY TELECOM P. LTD

DCM-48D20S12



FEATURES

1. DC input 40V DC- 60 V DC
2. High Efficiency, and high reliability.
3. Output protections: SCP/OVP/OLP/OPP
4. Wide operating ambient temperature (0°C ~ 50°C)
5. All using 105°C long life electrolytic capacitors.
6. 100% full load burn-in test
7. 1 year warranty

SPECIFICATION

MODEL		DCM-48D20S12	
OUTPUT	Output Number	V1	
	DC Output	12.0V	
	Rated Current	1.6A	
	Current Range	Note 1	0~1.6A
	Ripple and Noise	Note 2	0~45°C 100mV
	Voltage Accuracy	±2.0%	
	Line Regulation	±0.5%	
	Load Regulation	±1.0%	
	Set-up Time	/	
	Hold up Time	/	
	Temperature Coefficient	±0.3%/°C	
	Overshoot and Undershoot	<5.0%	
INPUT	Voltage Range	40VDC---60VDC	
	Frequency Range	/	
	Efficiency (Typical)	70%	
	DC Current (max.)	0.8A	
	Inrush Current (Typical)	25A	
	Leakage Current	/	
PROTECTION	Over Power	110%~180% Constant Rate output power	
	Over Current	110%~180% Constant Rate output power	
	Over Voltage	110%~180% Shut down	
	Shorted Circuit	Long-term mode, auto recovery	
ENVIRONMENT	Operating amb.Temp.& Hum.	0°C~45°C; 20%~95%RH No condensing	
	Storage Temp. & Hum.	-25°C~85°C; 10%~95%RH No condensing	
SAFETY & EMC (Note 3)	Safety Standards	GB4943-2001; EN60950-1: 2006	
	Withstand Voltage	Primary-Secondary:0.5KVAC;≤10mA.Primary-PG:0.5KVAC; ≤10mA.Secondary-PG:0.5KVAC;≤10mA.	
	Isolation Resistance	≥100M ohms	
	EMI Conduction&Radiation	/	
	Harmonic Current	/	
	EMS Immunity	/	
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25°C, Full load)	
	Dimension (L*W*H)	143×59×38mm	

WZ-47 BUDHELLA VILLAGE, VIKASPURI, NEW DELHI – 110018

PHONE: 011-28533349, MOB: 9810138894/9212558066, FAX: 011-28533349

EMAIL: info@rfconnector.in, WEBSITE: <http://rfconnector.in/>