Features:

- DC input:36VDC--60VDC
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OLP/OPP
- Wide operating ambient temperature (0℃~50℃)
- All using 105℃ long life electrolytic capacitors.
- 100% full load burn-in test
- 1 year warranty

SPECIFICATION

MODEL			DCM-48D100D5+12	
OUTPUT	Ouput Number		V1	V2
	DC Output		5.5V	12.0V
	Rated Current		15.0A	0.8A
	Current Range	Note 1	0 ~15.0A	0~0.8A
	Ripple and Noise	Note 2 0~50℃	100mV	120mV
	Voltage Accuracy		±3.0%	±20.0%
	Line Regulation		±0.5%	±1.0%
	Load Regulation		±2.0%	±20.0%
	Set-up Time		＜2.0S (48Vdc input, Full load)	
	Hold up Time		/	
	Temperature Coefficient		±0.03%/℃	±0.1%/℃
	Overshoot and Undershoot		<5.0%	
INPUT	Voltage Range		36Vdc--60Vdc	
	Frequency Range		/	
	Efficiency (Typical)		75%@48Vdc,	
	DC Current (max.)		3.5A	
	Inrush Current (Typical)		/	
	Leakage Current		/	
PROTECTION	Over Power		110%~165% of rated output power, auto recovery	
	Over Current		110%~170% of rated output current, auto recovery	
	Over Voltage		V1:6.5V~9.0V auto recovery	
	Shorted Circuit		Long-time; auto recovery	
ENVIRONMENT	Operating amb.Temp.& Hum.		0℃~50℃; 20%~90%RH No condensing	
	Storage Temp. & Hum.		-20℃~80℃; 10%~95%RH No condensing	
SAFETY &EMC (Note 3)	Safety Standards		GB4943-2001; EN60950-1：2006	
	Withstand Voltage		Primary-Secondary:0.5KVdc≤15mA.Primary-PG:0.5KVdc≤10mA.Secondary-PG:0.5KVdc≤5mA.	
	Isolation Resistance		≥100M ohms	
	EMI Conduction&Radiation		/	
	Harmonic Current		/	
	EMS Immunity		/	
OTHERS	MTBF (MIL-HDBK-217F)		More than 200,000Hrs (25℃, Full load)	
	Dimension (L*W*H)		160×98×38mm	
	Cooling method		Cooling by free air convection	
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25℃ of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 10uF parallel capacitor. 3. The SPS is considered a component which will be installed into final equipment. The equipment must be re-confirmed that it still meets EMC directives.			