

# 15W DC - DC Car Adapter



- ◆ Input: 10~24Vdc
- ◆ Protections: Short circuit/ Overload/ Over temperature
- ◆ O/P: High accuracy, low noise; hold up time≥20mS
- ◆ Cooling by free air convection; Auto recovery;
- ◆ Operation temperature: 0°C~+40°C;
- ◆ 100% full load burn-in test for 4 hours
- ◆ High Efficiency, high reliability;
- ◆ Built-in Class B EMI Filter
- ◆ Long life of 50,000Hours, 1 year warranty
- ◆ Compliance to IEC60950

Specifications				
Item No.		DCC015-S060-7		
OUTPUT	DC VOLTAGE	6V		
	RATED CURRENT	2.5A		
	CURRENT RANGE	0~2.5		
	RATED POWER	15W		
	RIPPLE&NOISE(max)	100mVp-p		
	LINE REGULATION	± 2%		
	VOLTAGE TOLERANCE	± 5%		
	SETUP TIME	1000ms@12VDC		
	RISE TIME	50ms@12VDC		
	HOLD UP TIME	20ms@12VDC		
INPUT	VOLTAGE RANGE	10~24VDC	FREQUENCY RANGE	/
	POWER FACTOR	/		
	EFFICIENCY (Typ.)	83%		
	INPUT CURRENT	1.5A/12VDC		
	INRUSH CURRENT	/		
	LEAKAGE CURRENT(max)	0.75mA /12VDC		
	ENERGY CONSUMPTION	The consumption should be less than <u>0.5</u> Watt at normal input		
INPUT PLUG TYPE	Cigarette lighter			
ENVIROM ENT	WORKING TEMP.	0°C~+40°C		
	WORKING HUMIDITY	20%~90% RH non-condensing		
	STORAGE TEMP. HUMIDITY	-25°C~+80°C, 10%~95%RH		
	TEMP. COEFFICIENT	± 0.03% / °C (0~50°C)		
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X,Y,Z axes.		
OTHERS	DIMENSION (mm)	109*38*19mm (L*W*H)		
	Output cord	1.5M, DC jack 5.5*2.1*10mm Center +, Straight plug		
Remark	<ol style="list-style-type: none"> <li>All parameters are specified at 12VDC input, rated load 25°C 70% RH ambient;</li> <li>Ripple &amp; noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uF &amp;47uF capacitor;</li> <li>Tolerance: includes set up tolerance, line regulation and load regulation;</li> <li>Line regulation is measured from low line to high line from the rated load;</li> <li>The over temperature protection is the built in function of the control IC.</li> </ol>			