DATASHEET

Camera Power Supply

CPS BBU60

Nuteck Power Solutions P Ltd.
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4 Channel Camera Power Supply with Battery Backup

Features:

- Wide AC I/P supply range
- Automatic change over on battery
- Protections: Over voltage / Over Current
- Inbuilt 11.1V 2.2AH Lithium Ion Battery
- 4 PTC Fuse protected outputs
- 100% full load burn in test
- High reliability

SPECIFICATION:

MODEL		CPS BBU60-12	
Output on Mains	Voltage	12.6 VDC	
	Current	5A	
	Rated Power	63W	
	Ripple & Noise (Max.)	< 1% of output Voltage	
	Voltage Tolerance	±1 % of Rated Voltage	
	Line Regulation	< ± 1%	
	Load Regulation	< ± 1%	
Output on Batt.	Voltage	9V to 12.6 VDC	
	Current	1.1 A per channel	
	Back-up Time (Min.)	30 Minutes	
Input	Voltage Range	150 ~ 300VAC	
	Frequency Range	45 ~ 65 Hz	
	Efficiency	> 80 % at Full Load considering Batt. Charging Power	
	AC Current (max)	1A at 230VAC	
	Inrush Current (max)	30A at 230VAC	
Protection	Over Load	Protection Type	SMPS Mode : Constant current / Hiccup Mode, Auto Recovery
			UPS Mode : Protected by Internal Fuse
	Battery low	Protection Type: Output gets shutdown at battery voltage 9VDC ± 0.5	
Environment	Working Temp.	-5"C~ 50"C	
	Working Humidity	20 ~ 90%RH Non-Condensing	
	Storage Temp. Humidity	-10 ~ 85"C, 10 ~ 95% RH	
	Safety Standard	As per UL60950-1	
EMC Safety & Other	Withstand Voltage	I/P-O/P : 2KVAC, I/P-Earth : 1.5KVAC, O/P-Earth : 500VAC	
	Isolation Resistance	I/P-O/P, I/P-Earth, O/P- Earth : 100M Ohms / 500VDC	
	EMI & EMC	As per EN55011/EN55022, EN61000-4-4, EN61000-4-6	
	Dimensions	185*96*76.5 (L*W*H) (With DIN - RAIL Clamp)	

Note

1. All parameters NOTspecially mentioned are measured at Typical input, rated load and 25 Deg.C ambient Temp.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated w
capacitor.
3. Tolerance : includes set up tolerance , line regulation and load regulation.
4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-conformed that it still meets EMC directives.
5. Specifications are subject to change without prior notice due to constant improvement in design & technology.