

Model NO.	BPCN030C142	Model Name	LED Power Supply
Part NO.	PLKBPCN030C142	SIZE	152 * 53 * 39.5 mm 【5.98 * 2.09 * 1.56 inch】

FEATURES

- ◆ AC Input 90~264Vac
- ◆ Protection: OVP / OTP / SCP
- ◆ High Operating ambient Temp: -20°C ~ +45°C
- ◆ Safety: TUV / CB / PSE
- ◆ EMC: CE
- ◆ Comply with Indoor
- ◆ Dimension (L*W*H):152 * 53 * 39.5 mm
- ◆ Dimension (L*W*H): 5.98 * 2.09 * 1.56 inch
- ◆ ROHS Compliant



Module : BPCN030C142

*,# =SEE NOTES BELOW

*(8)	SPECIFICATION	MODEL BPCN030C142		
		min.	norm.	max.
	DC OUTPUT VOLTAGE RANGE (V)	18		24
*	PRESET ACCURACY (%) *(7)		10	
*	OUTPUT CURRENT RANGE (A) *(5)	1.26		1.54
*	O/P NOISE (P-P, V) *(3)			2
*	LINE REGULATION (%) *(6)		10	
	DC OUTPUT POWER	33.6 W		
	EFFICIENCY(typ @Full Load)	85%		
	SETUP, TURN ON DELAY TIME	3000ms at full load 115VAC/230VAC		
	INPUT VOLTAGE RANGE	90-264VAC, 127-373VDC, Normal : 100-240VAC		
	INPUT FREQUENCY	Range:47-63Hz, Normal : 50-60Hz		
	INRUSH CURRENT (typ)	COLD START 50A @ 230VAC		
	AC CURRENT	0.5A/110VAC		
	LEAKAGE CURRENT	0.5mA/264VAC		
	SHORT CIRCUIT PROTECTION	SCP, OTP, OVP will restart automatically after the fault condition is removed		
	OVER TEMP. PROTECTION			
	OVER V, PROTECTION			
*	OPERATING TEMP.*(4)	-20 to +45°C @full load		
	STORAGE TEMPERATURE	-40 to +80°C		
	RELATIVE HUMIDITY	10 to +90%		
	TEMP. COEFFICIENT	0.03% / °C (0-50°C, typ)		
	SAFETY	TUV EN 61347-2-13 / CB / PSE		
	EMI	CE EN55015		
	DIMENSIONS(L*W*H)	152 * 53 * 39.5 mm 【5.98 * 2.09 * 1.56 inch】		

NOTES : (1)All parameters not specially mentioned are measured 230VAC input.

(2)All specifications Typical @25°C, unless otherwise noted, at normal line and load.

(3)Ripple and Noise measured directly at pins/terminals at nom. load, @20MHz bandwidth.

(4)Specified for free-air convection cooling.

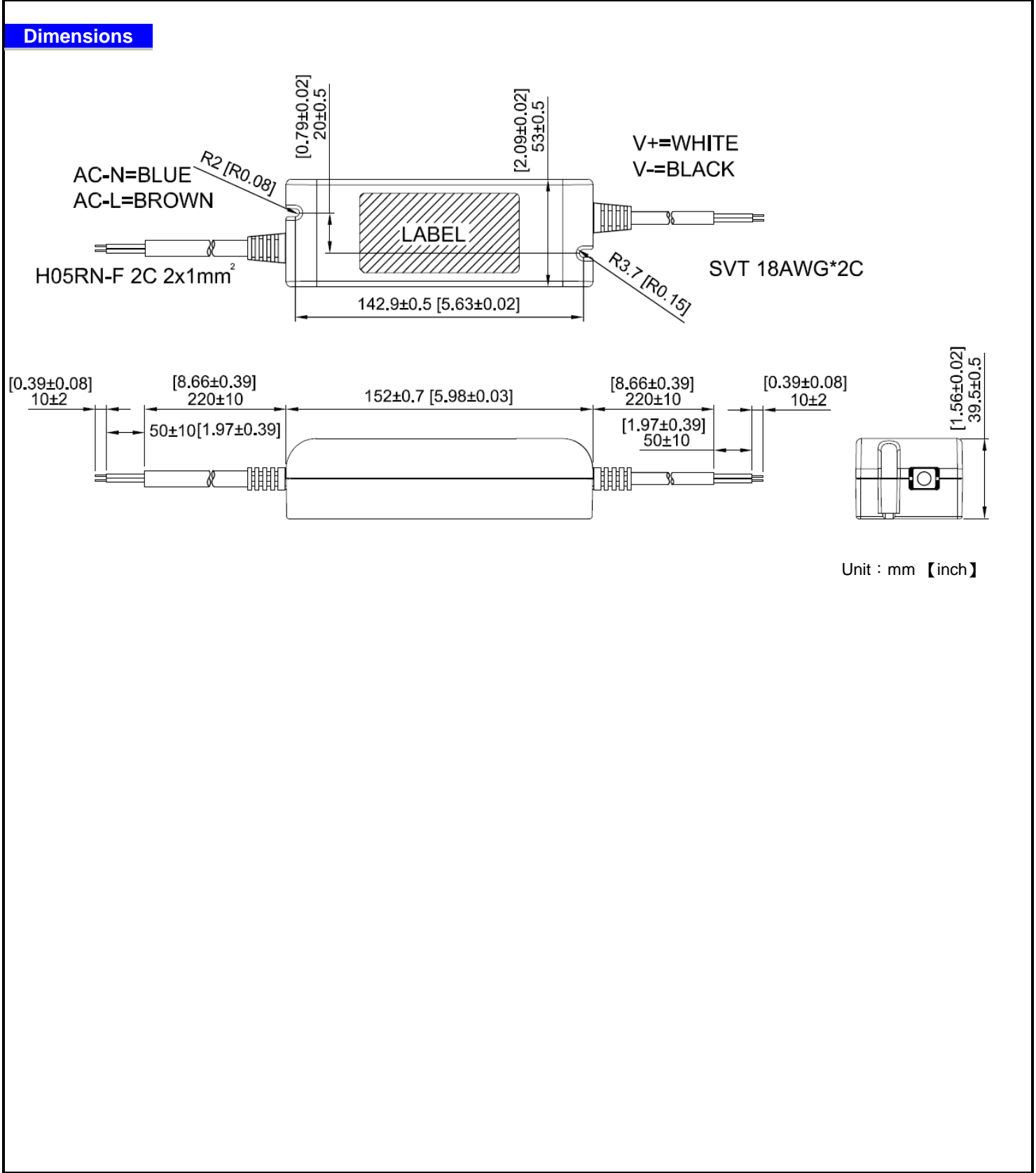
(5)Minimum load is NOT required for proper operation .

(6)Line regulation measured from 100VAC to 240VAC.

(7)Preset accuracy measured at normal load, 120VAC input.

(8)100% Production Tested.

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※Reference