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SHARE


■ Features :

- Universal AC input / Full range (up to 295VAC)
- High efficiency 89%
- Protections: Short circuit / Over current / Over vol
- Cooling by free air convection
- Built-in constant current limiting circuit with adjust
- Fully isolated plastic case with IP64 level
- Built-in active PFC function
- Pass LPS
- Class 2 power unit
- 100% full load burn-in test
- High reliability
- Suitable for LED lighting and moving sign applica
- Suitable for dry / damp locations
- Compliance to worldwide safety regulations for li
- 2 years warranty



SPECIFICATION

MODEL		PLN-60-12	PLN-60-15	PLN-60-20	PLN-60-24	PLN-60-27	PLN-60-36	
OUTPUT	DC VOLTAGE	12V	15V	20V	24V	27V	36V	
	CONSTANT CURRENT REGION <small>Note.6</small>	8.4 ~ 12V	10.5 ~ 15V	14 ~ 20V	16.8 ~ 24V	18.9 ~ 27V	25.2 ~ 36V	
	RATED CURRENT	5A	4A	3A	2.5A	2.3A	1.7A	
	CURRENT RANGE	0 ~ 5A	0 ~ 4A	0 ~ 3A	0 ~ 2.5A	0 ~ 2.3A	0 ~ 1.7A	
	RATED POWER	60W	60W	60W	60W	62.1W	61.2W	
	RIPPLE & NOISE (max.) <small>Note.2</small>	2Vp-p	2.4Vp-p	1.8Vp-p	2.7Vp-p	2.7Vp-p	3.6Vp-p	
	VOLTAGE ADJ. RANGE <small>Note.5</small>	11.5 ~ 13V	14.5 ~ 16.2V	19.5 ~ 22V	24 ~ 26V	25 ~ 30V	32.5 ~ 39V	
		Can be adjusted by internal potentiometer SVR1						
	CURRENT ADJ. RANGE <small>Note.5</small>	3% ~ -25%. Can be adjusted by internal potentiometer SVR2						
	VOLTAGE TOLERANCE <small>Note.3</small>	±10%						
	LINE REGULATION	±3.0%						
	LOAD REGULATION	±5.0%						
SETUP TIME	500ms / 230VAC 3000ms / 115VAC at full load							
INPUT	VOLTAGE RANGE <small>Note.4</small>	90 ~ 295VAC		127 ~ 417VDC				
	FREQUENCY RANGE	47 ~ 63Hz						
	POWER FACTOR (Typ.)	PF>0.92/115VAC, PF>0.9/230VAC, PF>0.9/277VAC at full load (Please refer to "Power Factor Character						
	TOTAL HARMONIC DISTORTION	THD< 20% when output loading≥75% at 115VAC/230VAC input and output loading≥80% at 277VAC i						
	EFFICIENCY (Typ.)	85%	86%	87.5%	87%	88%	89%	
	AC CURRENT (Typ.)	0.8A/115VAC	0.4A/230VAC	0.3A/277VAC				
	INRUSH CURRENT (Typ.)	COLD START 35A(twidth=45μs measured at 50% Ipeak) at 230VAC						
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	32 units (circuit breaker of type B) / 32 units (circuit breaker of type C) at 230VAC						
	LEAKAGE CURRENT	<0.75mA / 240VAC						
OVER CURRENT	95 ~ 110%							
	Protection type : Constant current limiting, recovers automatically after fault condition is removed							
SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed.							