



LED 12V POWER SUPPLY 36W, 60W, 100W, 120W & 150W

FEATURES:

- Design for indoor installations
- Protections: Short circuit / Overload / Over temperature
- Cooling by free air convection
- 100% full load burn-in test
- Suitable for LED lighting
- Products through CE, RoHS Certification
- Non-Dim



DAYLIGHT
LIGHTING

PREMIUM LIGHTING FOR HOUSEHOLD, INDUSTRIAL AND COMMERCIAL APPLICATIONS



SPECIFICATION

PRODUCT CODE		NWP-12V-36W	NWP-12V-60W	NWP-12V-100W	NWP-12V-120W	NWP-12V-150W
OUTPUT	DC VOLTAGE	12V	12V	12V	12V	12V
	RATED CURRENT	3A	5A	8.3A	10A	12.5A
	CURRENT RANGE	0~3A	0~5A	0~8.3A	0~10A	0~12.5A
	RATED POWER	36W	60W	100W	120W	150W
	RIPPLE & NOISE (max.) ^{NOTE 2}	120mV	120mV	120mV	120mV	120mV
	VOLTAGE TOLERANCE ^{NOTE 3}	±2%	±2%	±2%	±2%	±2%
	LINEAR REGULATION	±1%	±1%	±1%	±1%	±1%
	LOAD REGULATION	±2%	±2%	±2%	±2%	±2%
INPUT	VOLTAGE RANGE	175 ~ 264VAC	175 ~ 264VAC	175 ~ 264VAC	175 ~ 264VAC	175 ~ 264VAC
	FREQUENCY RANGE	50 ~ 60Hz	50 ~ 60Hz	50 ~ 60Hz	50 ~ 60Hz	50 ~ 60Hz
	POWER FACTOR (Typ.)	PF>0.6/220VAC	PF>0.6/220VAC	PF>0.6/220VAC	PF>0.6/220VAC	PF>0.6/220VAC
	EFFICIENCY (Typ.)	86%	86%	86%	86%	86%
	AC CURRENT (Typ.)	0.31A/220VAC	0.54A/220VAC	0.9A/220VAC	1.04A/220VAC	1.3A/220VAC
PROTECTION	Short circuit	Protection type : recovers automatically after fault condition is removed				
	Overload	overload protected @ 115-140% above peak rating				
	Over temperature	Protection type : Shut down o/p voltage, re-power on to recover				
ENVIRONMENT	WORKING TEMP.	-30 ~ +50°C (Refer to output load derating curve)				
	WORKING HUMIDITY	20 ~ 99% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C , 10 ~ 99% RH				
SAFETY & EMC	SAFETY STANDARDS	IEC EN 61347/60950 CE Mark (LVD)				
	WITHSTAND VOLTAGE	I/P-O/P: 2KVAC I/P-GND: 4KVAC				
	EMC Test Standards	EN55015: 2013;EN61547: 2009; EN61000-3-2:2014; EN61000-3-3:2013				
DIMENSIONS (mm)	LxWxH	170x34x23	170x34x23	145x49x29	195x49x29	195x49x29