

Product Datasheet



42W Series

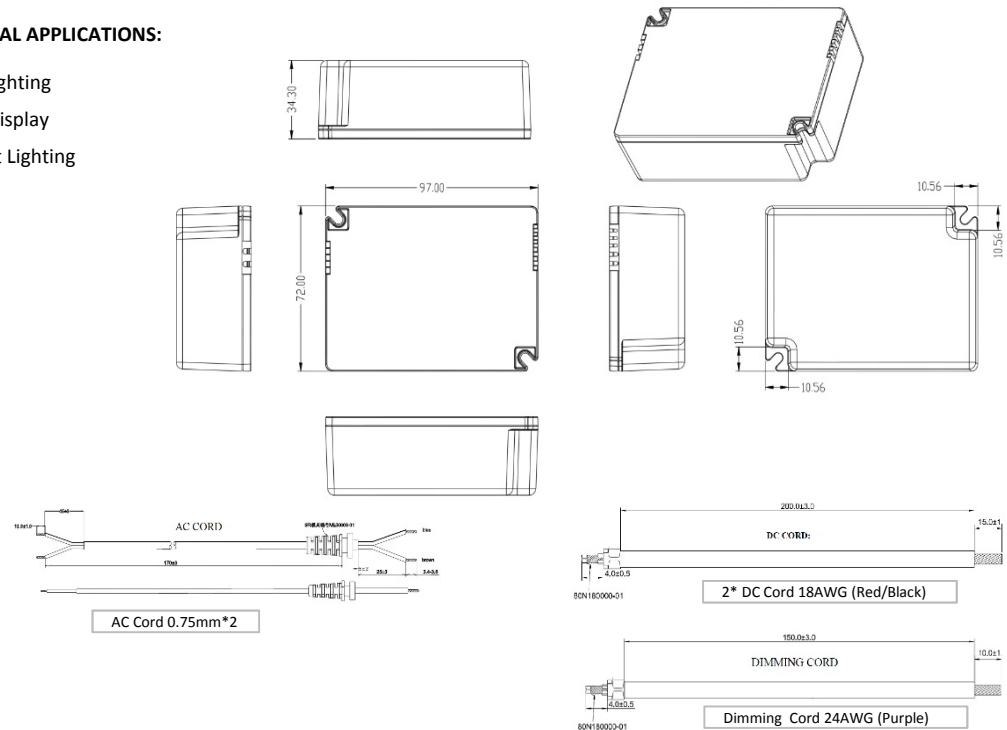
20V to 40V
1,55A to 300mA

LED Driver

INPUT	VOLTAGE / FREQ.	100~277Vac/50/60Hz ±3Hz
	RATED INPUT CURRENT	0.65A max.
	INRUSH CURRENT	70A max. Full load
OUTPUT	DC VOLTAGE	20V - 40V
	RATED CURRENT (max OUTPUT)	1,55A - 300mA
	CONSTANT CURRENT	Yes
	LEAKAGE CURRENT	5mA max.
	LINE REGULATION (in % of I _{in})	±5% of rated output current
	RIPPLE VOLTAGE	200mVpp
	POWER FACTOR 100%	0.90 min.
	TOTAL HARMONIC DISTORTION	20% max.
	TYPE OF DIMMING	1-10Vdc or Resistance
	EFFICIENCY	≥ 86%
PROTECTION	OVER TEMPERATURE PROTECTION	Yes
	SHORT CIRCUIT PROTECTION	Yes
	OVER CURRENT PROTECTION	Yes
	DIELECTRIC STRENGTH (Hi-Pot)	PII-Sec 3600Vac 10mA/60s max
	GROUNDING RESISTANCE	<0,1 Ohm, 25A, 1 Minute
	INSULATION RESISTANCE	50MΩ @ 500Vdc
ENVIRONMENT	TEMPERATURE (working/storage)	-10°C ~ +4°C / -40°C ~ 80°C
	IP CLASSIFICATION	IP20
SAFETY &	EN61347-1, EN61347-2-13	
EMC	EN55015, EN55022, EN55024, 61000-3-2/3	
MTBF	65000Hr 100% Load 25°C	
OTHERS	COLOUR	Black
	DIMENSION	97*72*34.3mm (L*W*H)
	WEIGHT	0,25 Kg
	PACKING	TBD x units per carton
	DIMENSIONS	TBD

TYPICAL APPLICATIONS:

- LED lighting
- LED Display
- Street Lighting



Model dependent differences

Model output range	20V-26V	26,5V-29V	29,5V- 32V	32,5V-36V	36,5V-40V
Current range	300-1550mA	300-1400mA	300-1300mA	300-1150mA	300-1050mA

Dimension are advisory only. Appearance may vary. This datasheet is covering a complete product family. Ratings shown are reflecting smallest and largest values only.

Alteration reserved without prior notice.