

GPV-60-12

GLP power supply GPV series 12V/5A, CV, non-PFC, IP67 plastic case



■ FEATURES / CECHY:

- Constant voltage design
/ Zasilacz stałonapięciowy
- Universal AC input range
/ Uniwersalny zakres wartości napięcia wejściowego
- Protections: Short circuit / Overload/ Over voltage / Over temperature
/ Zabezpieczenia: Zwarciove /Przeciążeniowe / Nadnapięciowe / Termiczne
- Linear shape and Cooling by free air convection
/ Liniowy kształt i chłodzenie swobodnym obiegiem powietrza
- Isolation class II
/ II klasa ochronności elektrycznej
- TUV approval (for GPV-60-12 and GPV-60-24)
/ Certyfikat TUV (dla GPV-60-12 and GPV-60-24)
- ETL approval (for GPV-60-12 and GPV-60-24)
/ Certyfikat ETI (dla GPV-60-12 and GPV-60-24)
- IP67 protection level
/ Stopień ochrony IP67
- Flicker free



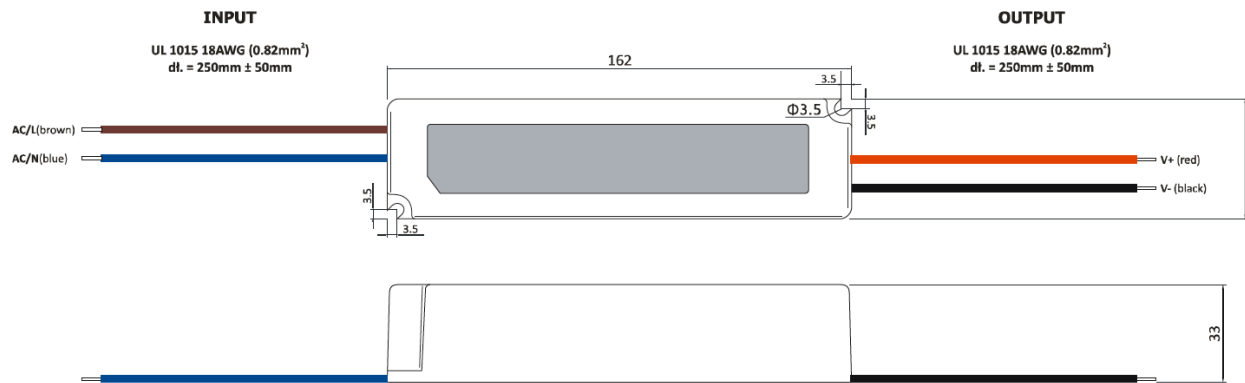
SELV IP67    

ELECTRICAL SPECIFICATION

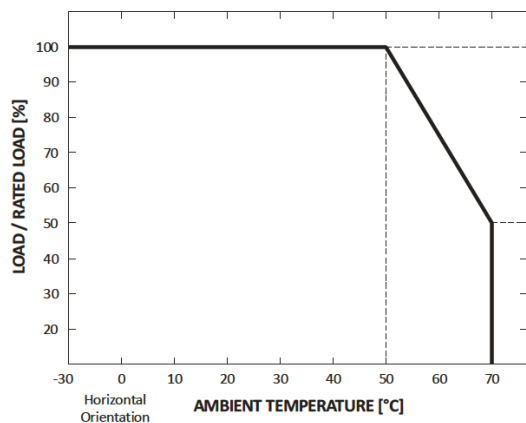
Product Type	Power supply, Industrial Power Supply, LED Driver
Output Voltage	12V DC
Rated Current	5A
Power (W)	60 W
Dimming	No
Voltage Ripple & Noise (max.)	200mVP-P
Line Regulation	± 1%
Load Regulation	± 2%
Setup, Rise Time	1500ms, 800ms / 230VAC; 2500ms, 800ms / 230VAC at full load
Hold up Time (typ.)	24ms / 115VAC, 50ms / 230VAC at full load
AC input voltage range	Universal
Protection class	II
PFC	No
Efficiency (typ.)	82%
AC Current (typ.)	1.4A/115VAC, 0.7A / 230VAC
Inrush Current (typ.)	70A / 230VAC, 35A / 115VAC
IP protection level	IP67
Leakage Current (max.)	0.25mA / 240VAC

Over Current / Overload protection (range)	Range: 150 ÷ 200% rated current
Over Current / Overload protection	Type: hiccup mode, auto-recovery.
Short Circuit protection	Type: hiccup mode, auto-recovery.
Over Voltage protection	Type: hiccup mode, auto-recovery.
Over Voltage protection (range)	13.5 ÷ 18.5V
Working Temperature range	-30°C ÷ 70°C (Refer to Derating Curve)
Working Humidity range	20 ÷ 9,% RH non-condensing
Storage Temperature and Humidity	-40°C ÷ 80°C, 10 ÷ 95% RH non-condensing
Safety Standards	EN 61347-2-13, Compliance to EN 61347-1
Withstand Voltage	I-P/O-P: 3kVAC
Isolation Resistance	I-P/O-P: 100MΩ/500VDC/25°C/70%
EMC Emission	Compliance to EN55015
EMC Immunity	Compliance to EN61547, EN61000-4-2, -3, -4, -5, -6, -8, -11, Compliance to EN55024, EN55024
Harmonic Current	EN61000-3-2, Compliance to EN61000-3-3, Compliance to EN61000-3-2, EN61000-3-3
Dimmensions (L x W x H)	162 x 42 x 33mm
Weight (kg)	0.39
Packing	50pcs./box; box weight and dimensions: 20kg; 38.5 x 27.5 x 19.5cm
Warranty	5 years
Mounting	surface
Programmable	No

MECHANICAL SPECIFICATION



DERATING CURVE



STATIC CHARACTERISTICS

