

GPV-35-12

GLP power supply GPV series 12V/3A, CV, IP67 plastic



■ 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-35-12 and GPV-35-24)
/ Certyfikat TUV (dla GPV-35-12 oraz GPV-35-24)
- ETL approval (for GPV-35-12 and GPV-35-24)
/ Certyfikat ETL (dla GPV-35-12 oraz GPV-35-24)
- IP67 protection level
/ Stopień ochrony IP67
- Flicker free

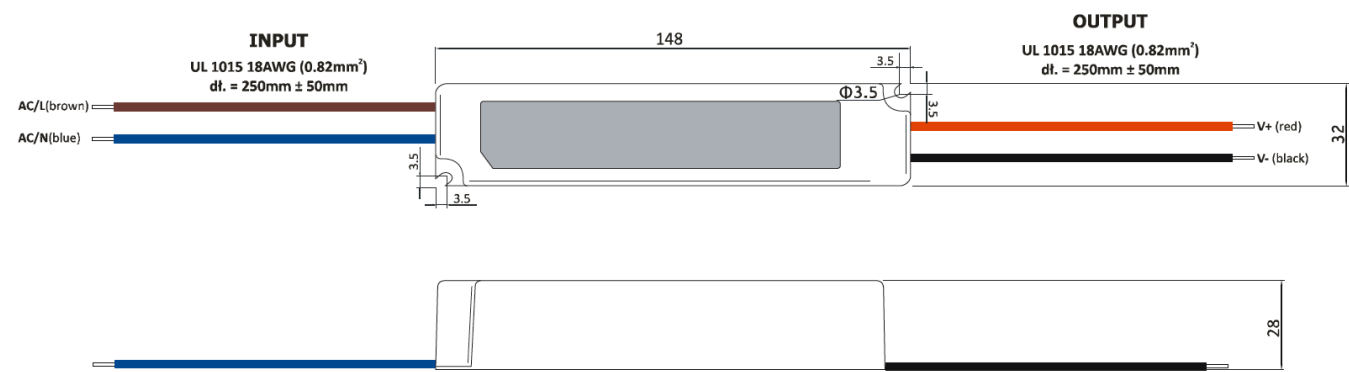
SELV IP67          (for 12V, 24V)

ELECTRICAL SPECIFICATION

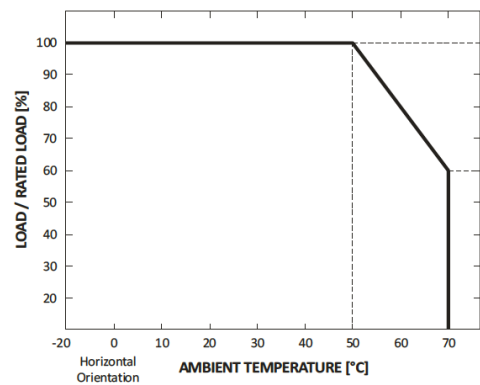
Product Type	Power supply, LED Driver, Industrial Power Supply
Output Voltage	12V DC
Rated Current	3 A
Power (W)	36 W
Dimming	No
Voltage Ripple & Noise (max.)	100mVP-P
Line Regulation	± 1%
Load Regulation	± 2%
Setup, Rise Time	3000ms, 250ms / 115VAC; 5000ms, 250ms / 230VAC at full load
Hold up Time (typ.)	20ms / 230VAC, 24ms / 115VAC at full load
AC input voltage range	Universal
PFC	No
Protection class	II
Efficiency (typ.)	82%
AC Current (typ.)	0.75A/115VAC, 0.35A / 230VAC
Inrush Current (typ.)	70A / 230VAC, 35A / 115VAC
IP protection level	IP67
Leakage Current (max.)	0.25mA / 240VAC

Short Circuit protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection (range)	Range: 105 ÷ 150% rated current
Over Voltage protection	Close output, recovers automatically after fault removed
Over Voltage protection (range)	13.1 ÷ 19.2V
Working Temperature range	-20°C ÷ 70°C (Refer to Derating Curve)
Working Humidity range	20 ÷ 90% 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, EN55024
Harmonic Current	Compliance to EN61000-3-2, EN61000-3-3
Dimmensions (L x W x H)	148 x 32 x 28mm
Weight (kg)	0.2
Packing	80pcs./ctn; ctn weight and dimensions: 17kg; 34.5 x 24 x 26cm
Warranty	5 years
Mounting	surface
Programmable	No

MECHANICAL SPECIFICATION



DERATING CURVE



STATIC CHARACTERISTICS

