

GPV-35-24

GLP power supply GPV series 24V/1.5A, CV, non-PFC, IP67 plastic case



- Features:
- Constant voltage design
 - Universal AC input / Full range
 - Protections: Short circuit / Over current / Over voltage
 - Cooling by free air convection
 - Isolation class II
 - Class 2 power unit
 - Fully encapsulated with IP67 level
 - Flicker free

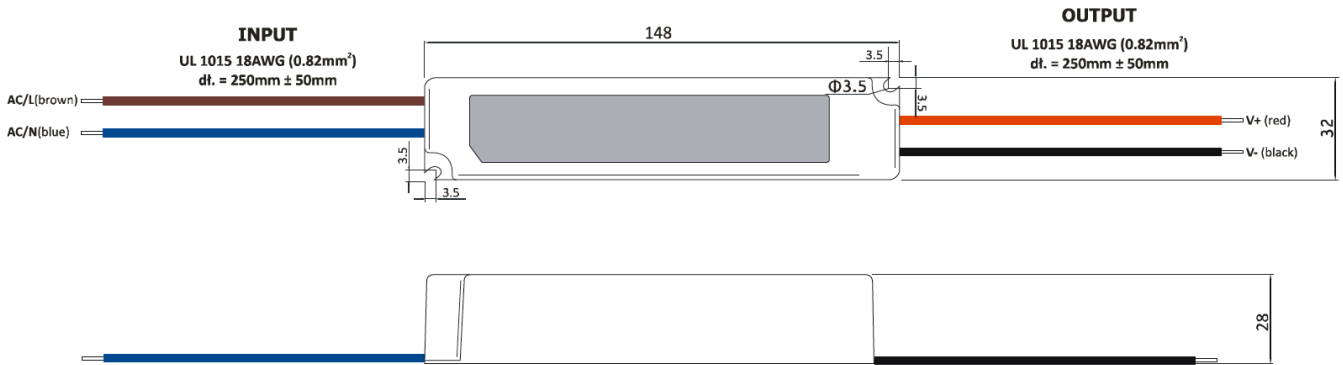
SELV IP67     TYPE APPROVED
SAFETY
REGULATORY PROVISIONS
CURRENT RANGE (for 12V, 24V)

ELECTRICAL SPECIFICATION

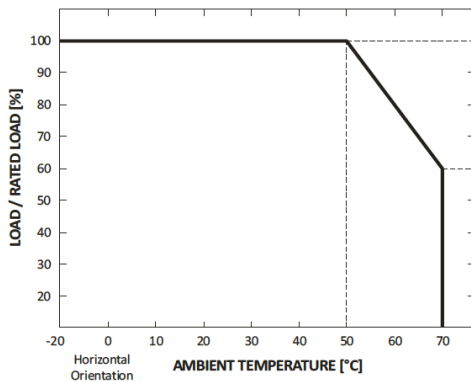
Product Type	Power supply, LED Driver, Industrial Power Supply
Output Voltage	24V DC
Rated Current	1.5 A
Power (W)	36W
Dimming	No
Voltage Ripple & Noise (max.)	200mVP-P
Line Regulation	± 1%
Load Regulation	± 2%
Setup, Rise Time	3000ms, 250ms / 115VAC; 5000ms, 250ms / 230VAC at full load
Hold up Time (typ.)	20ms / 230VAC, 24ms / 115VAC at full load
AC input voltage range	Universal
PFC	No
Protection class	II
Efficiency (typ.)	84%
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	Type: hiccup mode, auto-recovery.
Over Voltage protection (range)	26.4 ÷ 38.4V
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
Dimensions (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

