

GPV-12 series

12W Single Output Switching Power Supply



■ Features:

- Constant voltage design
- Universal AC input / Full range
- Protections: Short circuit / Overcurrent / Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Isolation class II
- UL1310 Class 2 power unit
- Fully encapsulated with IP67 level



ELECTRICAL SPECIFICATION

MODEL	GPV-12-12	GPV-12-24
OUTPUT		
DC VOLTAGE	12V	24V
RATED CURRENT	1A	0.5A
CURRENT RANGE	0 ÷ 1A	0 ÷ 0.5A
RATED POWER	12W	
LINE REGULATION	± 1%	
LOAD REGULATION	± 2%	
VOLTAGE TOLERANCE [3]	± 5%	
RIPPLE & NOISE (max.) [2]	120mV _{p-p}	
SETUP, RISE TIME [4]	500ms, 250ms at full load	
HOLD UP TIME (typ.)	50ms / 230VAC at full load	
INPUT		
VOLTAGE RANGE	90 ÷ 264VAC	
FREQUENCY RANGE	47 ÷ 63Hz	
EFFICIENCY (typ.)	76%	80%
AC CURRENT (typ.)	0.3A/115VAC, 0.14A / 230VAC	
INRUSH CURRENT (typ.)	30A / 230VAC	
LEAKAGE CURRENT(max.)	0.25mA / 240VAC	
PROTECTIONS		
OVERCURRENT	Range: 110 ÷ 180% Type: hiccup mode, auto-recovery.	
SHORT CIRCUIT	Type: hiccup mode, auto-recovery.	
OVER VOLTAGE	13 ÷ 20V Type: hiccup mode, auto-recovery.	25 ÷ 36V

