

30W AC/DC WALL-MOUNT POWER ADAPTER

GDPS-C114-2.5A-FC

The GDI GDPS-C114-2.5A-FC is a compact 30 W wall-mount AC/DC power adapter designed to provide stable 12 VDC output at up to 2.5 A. Its universal 100-240 VAC rated input and 90-264 VAC operating range support broad mains compatibility, while low leakage current, controlled ripple, high average efficiency and integrated protection functions support dependable operation in 12 VDC electronic applications.

Compact 30 W power solution with low standby consumption, controlled ripple and automatic-recovery protection.

PRODUCT HIGHLIGHTS

Universal 100-240 VAC input, 12 VDC / 2.5 A output, 0.3 W max no-load power, ≥83.49% average efficiency and ≤150 mVp-p ripple & noise.

PROTECTION & OEM USE

Automatic-recovery over-voltage, short-circuit and over-current protection support dependable OEM, replacement and commercial applications.



12 VDC / 2.5 A
RATED OUTPUT

30 W
RATED POWER

90-264 VAC
OPERATING RANGE

≤150 mVp-p
RIPPLE & NOISE

KEY PRODUCT INFORMATION

Electrical

Rated input: 100-240 VAC
 Operating range: 90-264 VAC
 Frequency: 50/60 Hz (47-63 Hz range)
 Input current: 0.8 A max
 AC leakage current: 0.25 mA max
 Output: 12 VDC / 2.5 A
 Rated power: 30 W
 No-load power: 0.3 W max
 Average efficiency: ≥83.49%

Mechanical

Input plug: USA 2-pin, 2 conductors
 Polarity: Center positive (+)
 Cable: 1.8 m, 22 AWG, black
 Dimensions: 79.6 x 46.8 x 32 mm
 Enclosure: Black, UL94 V-0

Protection & Compliance

- OVP with automatic recovery
- Short-circuit protection with automatic recovery
- OCP: 2.75-3.75 A, automatic recovery
- FCC Part 15 Class B emissions
- RoHS + REACH materials compliance
- Operating temperature: 0°C to +35°C
- Indoor / dry-location use

INPUT RANGE

100-240 VAC rated | 90-264 VAC operating

OUTPUT PERFORMANCE

12 VDC | 2.5 A | 30 W | ≤150 mVp-p ripple & noise

Specifications are subject to change without notice. Contact GDI Technology for OEM requirements, custom configurations or detailed engineering specifications.

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