

Features

- Power supplies for cameras, /SA models, switches, and media converters
- Universal input voltage range
- PSR-12DC: DIN rail mounted, wide temperature range AC-DC adapter
- PSA-UN12DC: Wall-pluggable AC-DC adapter



PSA, PSR Stand-alone power supplies

Description

These high-efficiency power supplies meet the requirements of Siquira camera, stand-alone models, and media converters.

Select a supply that meets the requirements of your application with respect to operating temperature and power rating. Note the reduced power rating in temperature extremes.

Siquira power supplies have a universal voltage and frequency input for trouble-free application in every region.

The wall-pluggable PSA-UN12DC comes with exchangeable sockets adapters to mate with US, EU or UK power sockets.

Technical Specifications

PSA, PSR

Electrical

PSA-UN12DC with ferrules

Input voltage range	90 - 264 Vac 47 - 63 Hz
Output voltage	12 Vdc at 1.5 A
Power	18 W
Connector type	Ferrules for screw connector

PSA-UN12DC with barrel connector

Input voltage range	90 - 264 Vac 47 - 63 Hz
Output voltage	12 Vdc at 1.5 A
Power	18 W
Connector type	2.3 x 5.5 mm female, barrel-type, center positive

PSR-12DC

Input voltage range	85 - 264 Vac 47 - 63 Hz
Output voltage	12 Vdc at 1.5 A
Power	25 W (18 W at 74 °C) maximum
Power at extended temperature	18 W
Connector type	Spring clamp terminal

Environmental

PSA-UN12DC (both models)

Operating temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage temperature	-10 °C to +75 °C (+14 °F to +167 °F)
Relative humidity	20% - 85%

PSR-12DC

Operating temperature	-10 °C to +60 °C (+14 °F to +140 °F) 74 °C at 18 W
Extended temperature range	-10 °C to +74 °C (+14 °F to +165 °F) (≤ 18 W)
Storage temperature	-25 °C to +85 °C (-13 °F to +185 °F)
Relative humidity	<95% No condensation

Mechanical

Dimensions (h x w x d)

PSR-12DC	75 x 45 x 91 mm (+ DIN rail) (3.0 x 1.8 x 3.6 in)
PSA-UN12DC	74 x 43 x 36 mm (2.9 x 1.7 x 1.4 in) (excluding socket adapter)

Ordering information

Models	Description
PSA-UN12DC with ferrules	Power adapter, 110 - 230 Vac, 60/50 Hz to 12 Vdc, 1.5 A, ferrules, with US/EU/UK adapters
PSA-UN12DC with barrel connector	Power adapter, 110 - 230 Vac, 60/50 Hz to 12 Vdc, 1.5 A, barrel, with US/EU/UK adapters
PSR-12DC	Power supply unit, rail-mount, 85 - 264 Vac, 12 Vdc at 1.5 A



The quality management system used in the development, production, sales, and support of this product is ISO 9001:2008 certified by LRQA.

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