



DIN-Rail-APS

Arista Corporation presents its line of mountable power supplies that are CE, UL certified and RoHS compliant, the APS series.



APS-DR1048F-24

The APS series are the ideal power supplies for: control systems, factory automation, industrial control, and instrumentation. With DIN-Rail mounting or wall mounting, users are able to mount these power supplies according to their needs.

DIN-Rail mounting offers the versatility of allowing the APS series to slide along the rail and situate it to the user's preference. Wall mounting allows affixed stability for users that do not need to move their power supplies. Complete with, over voltage protection, overload protection, and short circuit protection, users can feel assured that no harm or damage may result from an electrical surge.

The APS series is the perfect power supply to sustain any and all computers effectively and reliably.

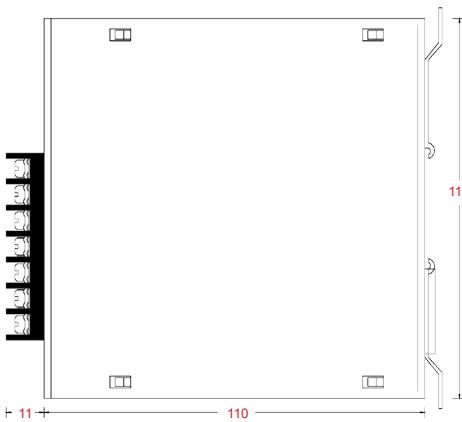
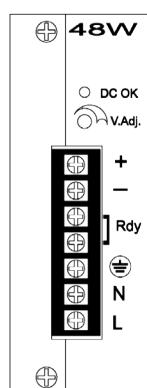
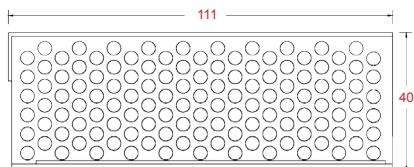


Features

- High power density
- Universal input range
- Convection cooled
- RoHS compliance
- Great reliability
- DIN rail / Wall bracket mounting solution
- Optional alarm signal / Redundant function
- Over voltage protection
- Overload protection
- Short circuit protection



Fanless


INPUT

Input voltage	100~240VAC/120~370VDC
Input frequency	47~63Hz
Inrush current	22A/115VAC
(Cold start)	44A/230VAC

OUTPUT

Output Power	48 W
Output Voltage	24 VDC
Hold-up time (Full load@230VAC)	20mS Min.
Temp. Coefficient	± 0.04% / °C
Overshoot protection	Autorecovery
Overload protection	Power limited
Short circuit protection	Autorecovery
O/P voltage Adjustment	+24VDC ±10%
Loading (A) (Min. Rated Max)	0A 2A 2A
Ripple Noise	150mVp-p
Line Reg.	± 1%
Load Reg.	± 1%
Efficiency	82%
Over voltage Protection	27~30VDC

Transient response

(Load change 50% to 100%)	
Voltage deviation	5%
Recovery time	2mS

EMC STANDARDS

EN 55011	Class B
EN 55022	Class B
EN 61000-4-2	Level 3
EN 61000-4-3	Level 3
EN 61000-4-4	Level 3
EN 61000-4-5	Level 3
EN 61000-4-6	Level 3
EN 61000-4-8	Level 3
EN 61000-4-11	Level 3

Environmental

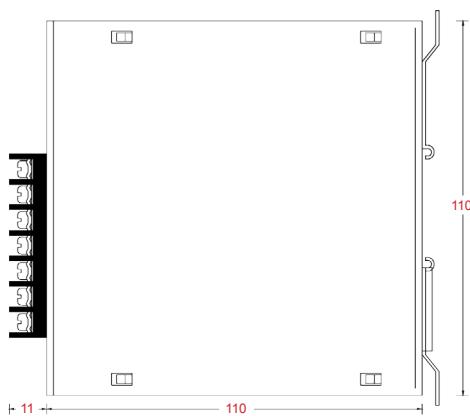
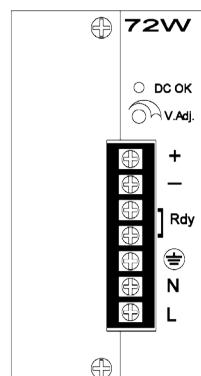
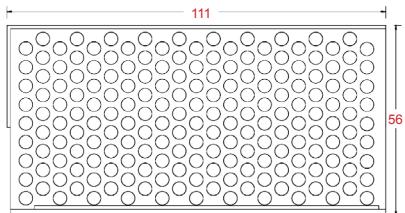
Operating temperature	-20°C ~ 50°C ambient, derating each output at 2.5% per degree from 50°C to 70°C
Operating humidity	Non-condensing, 5% ~ 95%RH
Vibration	Random vibration, 10Hz ~ 100Hz, 3axise
MTBF	60,000hrs Min. Per MIL-HDBK-217F, 25°C GB.
Certification	CE, UL, CSA

Features

- High power density
- Universal input range
- Convection cooled
- RoHS compliance
- 2 - year warranty
- Great reliability
- DIN rail / Wall bracket mounting solution
- Over voltage protection
- Overload protection
- Short circuit protection
- Optional alarm signal / redundant function



Fanless


INPUT

Input voltage	100~240VAC/120~370VDC
Input frequency	47~63Hz
Inrush current	22A/115VAC
(Cold start)	44A/230VAC

OUTPUT

Output Power	72 W
Output Voltage	24 VDC
Hold-up time (Full load@230VAC)	20mS Min.
Temp. Coefficient	± 0.04% / °C
Overshoot protection	Autorecovery
Overload protection	Power limited
Short circuit protection	Autorecovery
O/P voltage Adjustment	+24VDC ±10%
Loading (A) (Min. Rated Max)	0A 3A 3A
Ripple Noise	150mVp-p
Line Reg.	± 1%
Load Reg.	± 1%
Efficiency	81%
Over voltage Protection	27~30VDC

Transient response
(Load change 50% to 100%)

Voltage deviation	5%
Recovery time	2mS

EMC STANDARDS

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EN 55022	Class B
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EN 61000-4-6	Level 3
EN 61000-4-8	Level 3
EN 61000-4-11	Level 3

Environmental

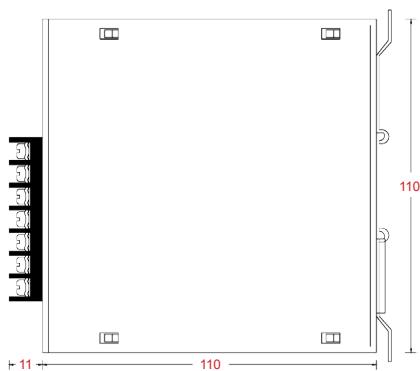
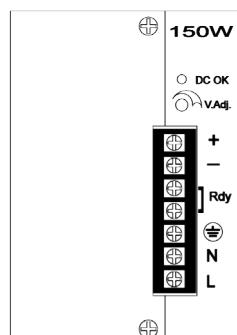
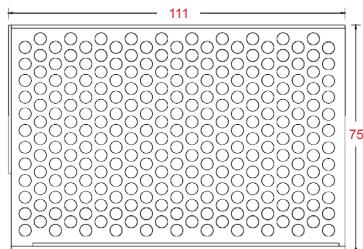
Operating temperature	-20°C ~ 50°C ambient, derating each output at 2.5% per degree from 50°C to 70°C
Operating humidity	Non-condensing, 5% ~ 95%RH
Vibration	Random vibration, 10Hz ~ 100Hz, 3axis
MTBF	60,000hrs Min. Per MIL-HDBK-217F, 25°C GB.
Certification	CE, UL, CSA

Features

- High power density
- Universal input range
- Convection cooled
- RoHS compliance
- 2 - year warranty
- Great reliability
- DIN rail / Wall bracket mounting solution
- Over voltage protection
- Overload protection
- Short circuit protection
- Optional alarm signal / redundant function



Fanless


INPUT

Input voltage	100~240VAC/120~370VDC
Input frequency	47~63Hz
Inrush current	22A/115VAC
(Cold start)	44A/230VAC

OUTPUT

Output Power	150 W
Output Voltage	24 VDC
Hold-up time (Full load@230VAC)	20mS Min.
Temp. Coefficient	± 0.04% / °C
Overshoot protection	Autorecovery
Overload protection	Power limited
Short circuit protection	Autorecovery
O/P voltage Adjustment	+24VDC ±10%
Loading (A) (Min. Rated Max)	0A 6.3A 6.3A
Ripple Noise	150mVp-p
Line Reg.	± 1%
Load Reg.	± 2%
Efficiency	82%
Over voltage Protection	27~30VDC

Transient response
(Load change 50% to 100%)

Voltage deviation	5%
Recovery time	2mS

EMC STANDARDS

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Environmental

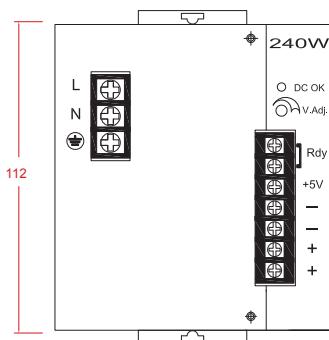
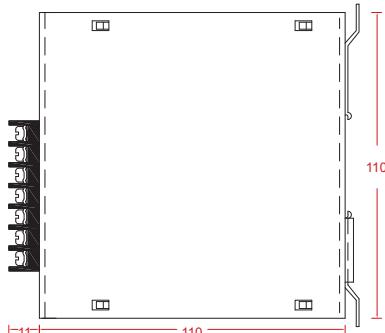
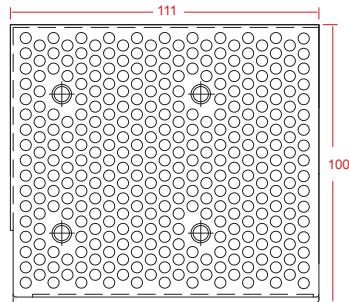
Operating temperature	-20°C ~ 50°C ambient, derating each output at 2.5% per degree from 50°C to 70°C
Operating humidity	Non-condensing, 5% ~ 95%RH
Vibration	Random vibration, 10Hz ~ 100Hz, 3axis
MTBF	60,000hrs Min. Per MIL-HDBK-217F, 25°C GB.
Certification	CE, UL, CSA

Features

- High power density Universal input range
- Convection cooled RoHS compliance
- 2 - year warranty Great reliability
- DIN rail / Wall bracket mounting solution
- Over voltage protection
- Overload protection Short circuit protection
- Optional alarm signal / redundant function



Fanless


INPUT

Input voltage	100~240VAC/120~370VDC
Input frequency	47~63Hz
Inrush current (Cold start)	22A/115VAC 44A/230VAC

OUTPUT

Output Power	240 W
Output Voltage	24 VDC
Hold-up time (Full load@230VAC)	40mS Min.
Temp. Coefficient	± 0.04% / °C
Overvoltage protection	Autorecovery
Overload protection	Power limited
Short circuit protection	Autorecovery
O/P voltage Adjustment	+24VDC ±10%
Loading (A) (Min. Rated Max)	0A 10A 10A
Ripple Noise	150mVp-p
Line Reg.	± 1%
Load Reg.	± 1%
Efficiency	81%
Over voltage Protection	27~30VDC

Transient response

(Load change 50% to 100%)	
Voltage deviation	5%
Recovery time	2mS

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EN 55011	Class B
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EN 61000-4-5	Level 3
EN 61000-4-6	Level 3
EN 61000-4-8	Level 3
EN 61000-4-11	Level 3

Environmental

Operating temperature	-40°C ~ 40°C ambient, derating each output at 2.5% per degree from 40°C to 60°C
Operating humidity	Non-condensing, 5% ~ 95%RH
Vibration	Random vibration, 10Hz ~ 100Hz, 3axise
MTBF	60,000hrs Min. Per MIL-HDBK-217F, 25°C GB.
Certification	CE, UL, CSA