



DIN Rail Power Supplies

Datasheet Collection

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Industrial Peripherals

DIN Rail Power Supplies

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ARISTA DIN Rail Power Supplies

APS series

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 can 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 all computers effectively and reliably.





APS-DR1048F-24

DIN-RAIL Power Supply, 48W Output Power

Features

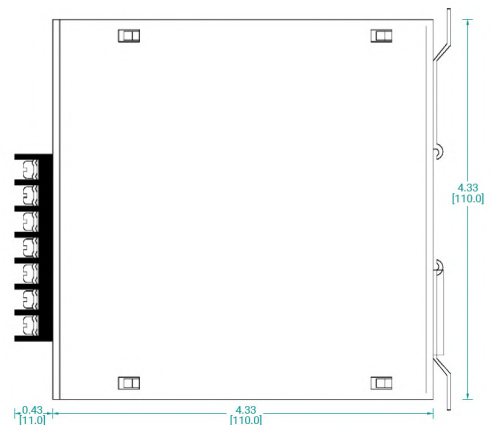
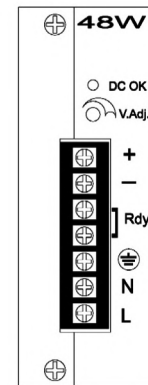
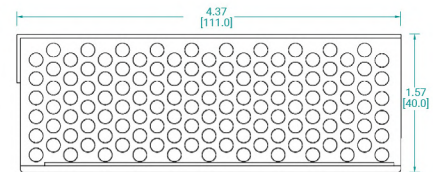
- High power density
- Universal input range
- Convection cooled
- RoHS compliance
- 2 - year warranty
- Great reliability
- DIN rail / Wall bracket mounting solution
- Optional alarm signal / Redundant function
- Overvoltage protection
- Overload protection
- Short circuit protection

Specifications

Model Name	APS-DR1048F-24
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
Overvoltage protection	Auto recovery
Overload protection	Power limited
Short circuit protection	Auto recovery
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

Dimension Drawing

Model Name: APS-DR1048F-24
Size Unit: inch(mm)





APS-DR1072F-24

DIN-RAIL Power Supply, 72W Output Power



Features

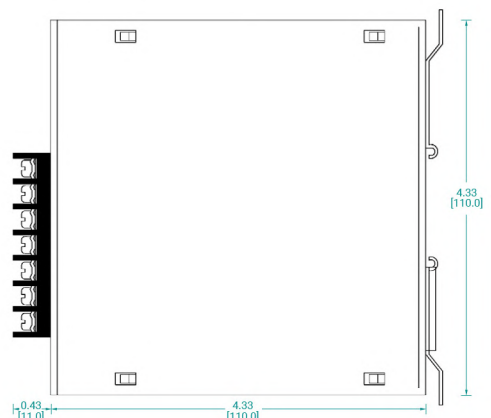
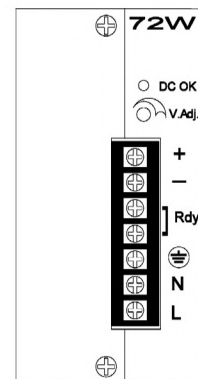
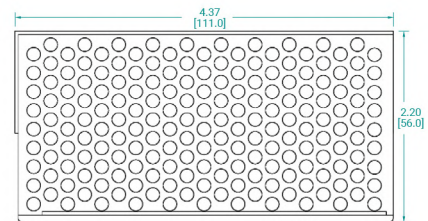
- High power density
- Universal input range
- Convection cooled
- RoHS compliance
- 2 - year warranty
- Great reliability
- DIN rail / Wall bracket mounting solution
- Optional alarm signal / Redundant function
- Overvoltage protection
- Overload protection
- Short circuit protection
- Optional alarm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

Specifications

Model Name	APS-DR1072F-24
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
Overvoltage protection	Auto recovery
Overload protection	Power limited
Short circuit protection	Auto recovery
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	
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

Dimension Drawing

Model Name: APS-DR1072F-24
Size Unit: inch(mm)





APS-DR1150F-24

DIN-RAIL Power Supply, 150W Output Power



Features

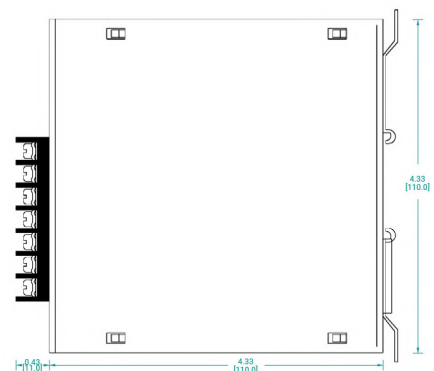
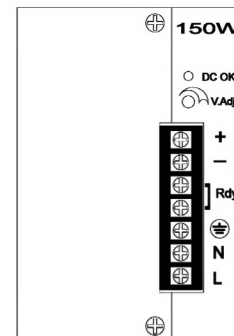
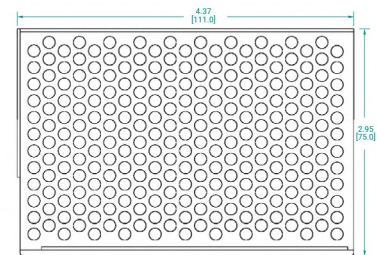
- High power density
- Universal input range
- Convection cooled
- RoHS compliance
- 2 - year warranty
- Great reliability
- DIN rail / Wall bracket mounting solution
- Over voltage protection
- Overload protection
- Short circuit protection
- Optional alarm signal / redundant function

Specifications

Model Name	APS-DR1150F-24
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
Overvoltage protection	Auto recovery
Overload protection	Power limited
Short circuit protection	Auto recovery
O/P voltage Adjustment	+24VDC ± 10%
Temp. Coefficient	±0.04% / °C
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	
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

Dimension Drawing

Model Name: APS-DR1150F-24
Size Unit: inch(mm)





APS-DR1240C-24

DIN-RAIL Power Supply, 240W Output Power



Features

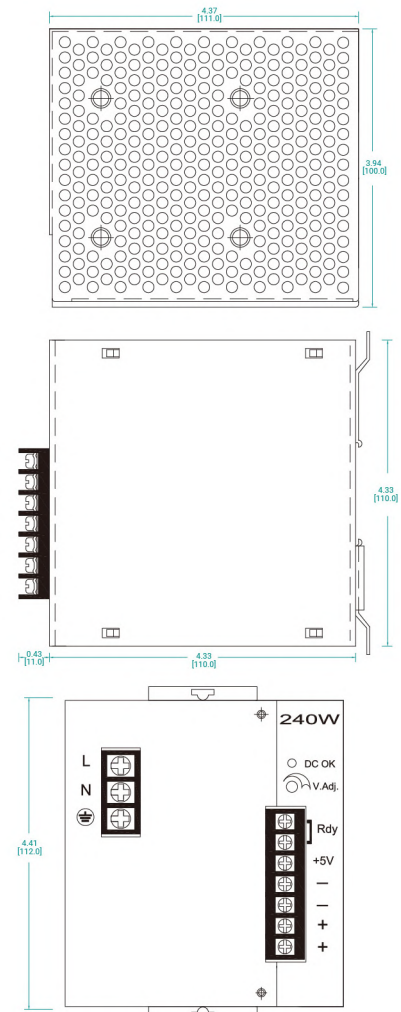
- High power density
- Universal input range
- Convection cooled
- RoHS compliance
- 2 - year warranty
- Great reliability
- DIN rail / Wall bracket mounting solution
- Overvoltage protection
- Overload protection
- Short circuit protection
- Optional alarm signal / redundant function

Specifications

Model Name	APS-DR1240C-24
INPUT	
Input voltage	100~240VAC/120~370VDC
Input frequency	47~63Hz
Inrush current	22A/115VAC
(Cold start)	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	Auto recovery
Overload protection	Power limited
Short circuit protection	Auto recovery
O/P voltage Adjustment	+24VDC ± 10%
Loading (A) (Min. Rated Max)	0A 10A 10A
Ripple Noise	150mVp-p
Line Reg.	±1%
Load Reg.	±2%
Efficiency	82%
Over voltage Protection	27~30VDC
Output Power	240 W
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	-40°C ~ 40°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

Dimension Drawing

Model Name: APS-DR1240C-24
Size Unit: inch(mm)





ARISTA Corporation (USA)

 40675 Encyclopedia Circle, Fremont, CA 94538.

 Phone : +1-510-226-1800  eFax : 510-405-8437

 sales@goarista.com  www.aristaipc.com