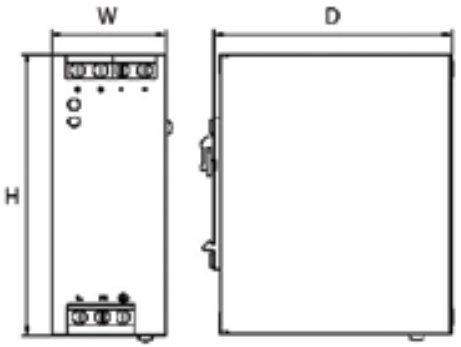
All units are cULus Listed and CE Certified.

Single Phase

Catalog No.	Output Power (Watts Max)	Amp Rating	Voltage Range AC	Voltage Range DC	Output Voltage	Efficiency (1)	Operating Temp	Dimensions H*W*D Inches (mm)	Weight LBS (Kg)
DM 1-12045	54 W	4.5 - 3.4	90-254 VAC	-	12 VDC (10-16 adj)	86%	-10°C to +60°C	4.88 x 1.97 x 4.13 (124 x 50 x 105)	1.08 (0.49)
DM 1-24025	60 W	2.5 - 2.1	90-254 VAC	-	24 VDC (22-28 adj)	87%	-10°C to +60°C	4.88 x 1.97 x 4.13 (124 x 50 x 105)	1.08 (0.49)
DM 1-2420	480 W	20.0 - 17.1	90-254 VAC	-	24 VDC (22-28 adj)	90%	-10°C to +60°C	5.12 x 6.14 x 4.96 (130 x 156 x 126)	4.96 (2.25)
DM 1-2440	960 W	40.0	90-264 VAC	120-350 VDC	24 VDC (22.5-28.5)	91.5%	-10°C to +60°C	5.12 x 9.29 x 4.96 (130 x 236 x 126)	8.82 (4.00)
DM 1-3613	480 W	13.3 - 12.0	90-254 VAC	-	36 VDC (34-40 adj)	90%	-10°C to +60°C	5.12 x 6.14 x 4.96 (130 x 156 x 126)	4.96 (2.25)
DM 1-480125	60 W	1.25 - 1.15	90-254 VAC	-	48 VDC (46-52 adj)	89%	-10°C to +60°C	4.88 x 1.97 x 4.13 (124 x 50 x 105)	1.08 (0.49)
DM 1-4810	480 W	10.0 - 9.2	90-254 VAC	-	48 VDC (46-52 adj)	90%	-10°C to +60°C	5.12 x 6.14 x 4.96 (130 x 156 x 126)	4.96 (2.25)

Frequency: 47-63 Hz for all models
1. Depends upon specific model selection, output voltage and/or upon 120 or 240 VAC operation.



Single Phase

Full Line Specifications:
Input voltage range 90-264 VAC
Nominal voltage 100-240 VAC
Input frequency 47-63 Hz
Load regulation drift +/- 1%
Short circuit automatic recovery
Storage temp -40°C to +85°C
Operating humidity 5% to 90% RH, non-condensing
Overcurrent protection: continuous protection and automatic recovery (110% - 130%)
Over/Undershoot < 500mV from 50%-100% load change @ 0.2A/µSec.
Hold-up Time ≥ 20 mSec
Start-up Time < 1 Sec
Meets EN61000-3-2 harmonic distortion
Meets EMI standards EN55022, FCC15B, EN55024
Meets vibration & shock standards IEC68-2-6, IEC68-2-27
All models have internal fuse protection

Features/Benefits:

- » Narrow width conserves valuable space on the DIN Rail
- » High peak power eliminates the need to oversize your power supply
- » Universal input 90-264 VAC, 50/60 Hz without voltage gaps for full product application versatility
- » Adjustable output voltage compensates for voltage drop
- » Power Factor Correction - meets EN61000-3-2
- » "DC OK" LED indicator identifies local output status
- » Easy, snap-on mounting on DIN Rail
- » Fully enclosed touch-safe enclosure and terminals
- » Certified to UL, TUV and CE safety standards for use worldwide
- » UL508 listed for use at full-rated power
- » Most models capable of parallel connection to provide redundancy for critical load applications
- » Industrial design
  - -20°C to +60°C operation without derating
  - Overload and short circuit protection
  - Rugged metal case
  - Power boosting circuitry
- » Meets SEMI F47-200
- » RoHS compliant
- » 5 year warranty

Revisions

ACME ELECTRIC

Type No.

					A	PRINTS TO	CONTROL 7	A