



# OUTPUT PROGRAMMABLE SWITCHED-MODE POWER SUPPLIES FROM 40W TO 60W, 40A DC UPS MODULE & 20A REDUNDANCY MODULE

DRA series of DIN rail power supplies with adjustable output current. Universal input 90~264V AC 47~63 Hz or 127~370V DC. Protected against short circuit, overload, and over voltage. Voltage adjustable with internal potentiometer. Ratings of 40 Watts or 60 Watts with output voltages of 12~24V DC. Current adjustable through 1~10V DC, PWM signal, or resistance. Pass LPS. LED indicator to signal 'power on'. 100% full load burn-in test. Full 3 year warranty.



DRA-60-24

DRA series of 40 Watt to 60 Watt AC to DC DIN rail power supplies featuring adjustable output current. This range targets the industrial inspection equipment market where LED dimming is used. Users are easily able to change the constant current level, or the LED dimming level, via 1~10V DC, PWM signal, or resistance. All types can be mounted on TS-35-7.5/15 DIN rail and all units have a narrow profile of just 40 mm wide, perfect for where space is of a premium. The input range is universal between 90V AC and 264V AC with efficiency levels of between 85% to 87%. The entire series can operate, under free air convection, from -30 °C to +70 °C. For full data sheets including dimming adjustment and circuit wiring please contact our sales department.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions D x W x H (mm)
DRA-40-12	40 Watt	90~264V AC 1ph 127~370V DC	12V DC 3.34A	+/- 1%	120mVp-p	85%	100 x 40 x 90
DRA-40-24	40 Watt	90~264V AC 1ph 127~370V DC	24V DC 1.70A	+/- 1%	150mVp-p	87%	100 x 40 x 90
DRA-60-12	60 Watt	90~264V AC 1ph 127~370V DC	12V DC 5.00A	+/- 1%	120mVp-p	85%	100 x 40 x 90
DRA-60-24	60 Watt	90~264V AC 1ph 127~370V DC	24V DC 2.50A	+/- 1%	150mVp-p	87%	100 x 40 x 90

Reference	Constant Current Region	Current Range	Voltage Adjustable Range	Safety Standards	Mean Time Between Failures (MTBF)
DRA-40-12	3~12V	0~3.34A	12~15V DC	UL 60950-1 / TUV EN 60950-1 approved	439,300 hrs minimum MIL-HDBK-217F @ 25 °C
DRA-40-24	3~24V	0~1.70A	24~30V DC	UL 60950-1 / TUV EN 60950-1 approved	439,300 hrs minimum MIL-HDBK-217F @ 25 °C
DRA-60-12	3~12V	0~5.00A	12~15V DC	UL 60950-1 / TUV EN 60950-1 approved	436,400 hrs minimum MIL-HDBK-217F @ 25 °C
DRA-60-24	3~24V	0~2.50A	24~30V DC	UL 60950-1 / TUV EN 60950-1 approved	436,400 hrs minimum MIL-HDBK-217F @ 25 °C



DR-RDN20

Two additional DIN rail mountable power products for 24V DC operation:

- A redundancy module rated at 21~28V DC 20A with relay contact signal output and LED indicator for input failure alarm.
- A DC-UPS module rated at 24~29V DC 40A for battery back up of 24V DC DIN rail mounted power systems.

Reference	Output Voltage and Current	Description
DR-RDN20	21~28V DC 20A	Suitable for redundant operation of 24V system
DR-UPS40	24~29V DC 40A	Battery controller for DIN rail UPS system



DR-UPS40