DYMEC Power Supplies

24 / 48 Volt DC Power Supplies for Din-Rail Installation

	24 Volts DC DIN-Rail Power Supplies			48 Volts DC DIN-Rail Power Supplies			
	DR-4524	SDR-75-24	MDR-60-24	DR-120-48	SDR-120-48	DRP-240-48	SDR-240-48
							
Physical Characteristics and Temperature Limits							
Dimensions (mm)	78 x 67 x 93	32 x 125.2 x 102	40 x 90 x 100	65.5 x 125.2 x 100	40 x 125.2 x 113.5	125.5 x 125.2 x 100	63 x 113.5 x 125.2
Weight	400 g	0.51 kg	0.33 kg	0.79 kg	0.67 kg	1.2 kg	1.03 kg
Operating Temperature	-10 to 50°C (14 to 122°F)	-40 to 80 °C (-40 to 176 °F) Wide Range		-40 to 80 °C (-40 to 176 °F) Wide Range		-40 to 80 °C (-40 to 176 °F) Wide Range	
Relative Humidity	20 to 95% RH	20 to 95% RH		20 to 95% RH		20 to 95% RH	
Power Requirements							
Wattage	45 Watts	75 Watts	60 Watts	120 Watts	120 Watts	240 Watts	240 Watts
Input	85-264 VAC (47-63 Hz), or 120-370 VDC		85-264 VAC, or (47-63 Hz) or 120-370 VDC	88-264 VAC (47-63 Hz) 124-370 VDC		85-264 VAC (27-63 Hz) 120-370 VDC	88-264 VAC, or (47-63 Hz) 124-370 VDC
Output	48 W (24 VDC @ 0-2 A)	76.8 W (24 VDC @ 0-3.2 A)	60 W (24 VDC @ 0-2.5 A)	120 W (48 VDC @ 0-2.5 A)	120 W (48 VDC @ 0-2.5 A)	240 W (48 VDC @ 0-5 A)	240 W (48 VDC @ 0-5 A)
Over-voltage Protection	27.6-32.4 Volts	29-33 Volts		56-65 Volts		56-65 Volts	
Overload Protection	105-150%						
Type	Constant Current Limiting						
Reset	Auto Recovery						
Inrush Current	30 A and 115 V, or 60 A and 230 V						
Reliability							
Safety Standards	EN 60950-1, UL 508 approved						
EMC Standards	EN 55022 Class B, EN 61000-4-2/3/4/5/6/8/11, ENV 50204, EN 61000-3-2, EN 50082-2, NEMA						
Warranty	3 years (see DYMEC.com/warranty)						

Ordering Information

24 Volt DC DIN-Rail Power Supplies

KY-PS24-45W/2A/DR: Power Supply / DIN-Rail / DR / 24 Volts DC - 45 Watts
KY-PS24-75W/3.2A/SDR : Power Supply / DIN-Rail / SDR /24 Volts DC - 75 Watts
KY-PS24-60W/5A/MDR: Power Supply / DIN-Rail / MDR / 24 Volts - 60 Watts

48 Volt DC DIN-Rail Power Supplies

KY-PS48-120W/2.5A/DR: Power Supply / DIN-Rail / DR / 48 Volts DC - 120 Watts
KY-PS48-120W/2.5A/SDR: Power Supply / DIN-Rail / SDR / 48 Volts DC - 120 Watts
KY-PS48-240W/5.0A/DRP: Power Supply / DIN-Rail / DRP / 48 Volts DC - 240 Watts
KY-PS48-240W/5.0A/SDR: Power Supply / DIN-Rail / SDR / 48 Volts DC - 240 Watts