



Features

- High Input voltage 100-1000V DC
- Typical Efficiency 87%
- Meets EN60950
- RoHS 5/6
- Surge, OC, OV, SC protected
- IP67
- 1 year warranty

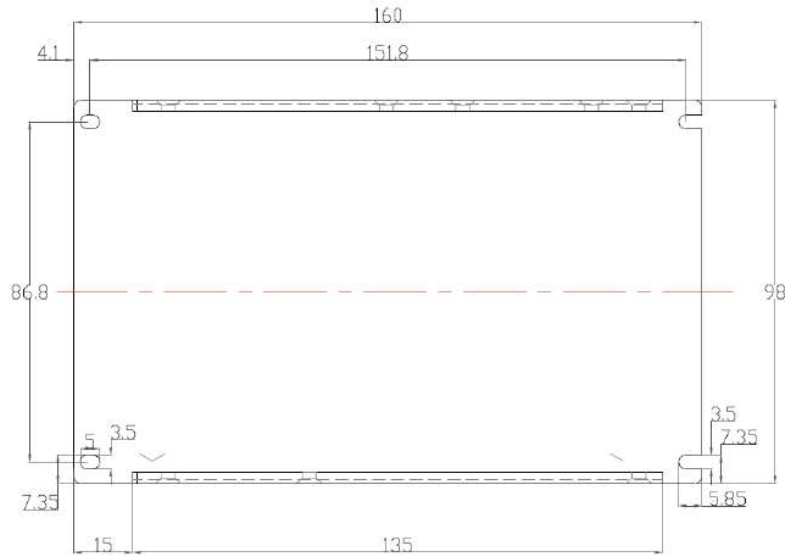


SPECIFICATIONS

MODEL		R200S24-600	R200S24-1000
INPUT	MEAN VOLTAGE	350V	600V
	VOLTAGE RANGE	100 – 600V DC	200 – 1000V DC
OUTPUT	VOLTAGE	24V DC	
	CURRENT	8.3A max.	
	MAX OUTPUT POWER ⁽¹⁾	200W	
	RIPPLE P-P	100mV	
	TYPICAL EFFICIENCY	87%	
	LOAD REGULATION	0.4%	
	LINE REGULATION	0.2%	
	DYNAMIC RESPONSE	±5.0/500µs%	
	START TIME DELAY	≤5s	
PROTECTION	SHORT CIRCUIT	110-130% of rated output	
	INPUT UDER VOLTAGE	YES	
	REVERSE INPUT	NO	
ENVIRONMENT	TEMP. COEFFICIENT	±0.02% / °C	
	OPERATING TEMP.	-25°C to +65° C. Maximum case temperature allowed 100°C.	
	STORAGE HUMIDITY	10% to 95%	
	SHIPPING & STORAGE	-40°C to +85°C, Relative Humidity: 10% to 95%	
	INSULATION	Input-Output Input-Case Output-Case: 100M Ohm @500V	
	NOISE	≤ 55dB (full load)	
	ESD	Level 3, Direct ±6KV; Air ±8KV	
STANDARDS	SURGE	Differential 2KV; Common 4KV	
	SAFETY	EN 60950	
	RoHS	5/6	
DIMENSIONS	Metric: L x W x H (mm)	160 x 120 x 65	
	Imperial: L x W x H (inches)	6.3 x 4.72 x 2.56	
WEIGHT	Metric: Grams (g)	~ 1500	
	Imperial: Ounces (oz)	53	
OTHERS	ISOLATION VOLTAGE	Input – Output (4000V DC ≤ 5mA/1min) Input – Case (3000V DC ≤ 5mA/1min) Output – Case (1000V DC ≤ 5mA/1min)	
	MTBF	100,000Hrs	
NOTE	1. Within operating temperature conditions the unit performs at 100% of the Max output power. The % of maximum output rapidly declines after 65° C to 0% at 80° C.		



Enclosure Drawing / Dimensions



Application Example Schematic using the R200 Series DC/DC Converter

