

CHROME

Features

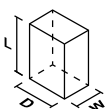


- Class II, Double Isolation (No earth connection is required)
- Full power up to 55°C
- Power will not de-rate for the entire input voltage range
- Can be installed in compact cabinets
- NEC Class 2 and Limited Power Source (LPS) approvals (except DRC-12V100W1AZ)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Safety approval according to IEC/EN/UL 60950-1, IEC/EN/UL 62368-1 and UL 508

Specifications

OUTPUT	DRC-5V10W1A□	DRC-12V10W1A□	DRC-12V30W1A□	DRC-12V60W1□□	DRC-12V100W1AZ	
Output Voltage	5V	12V	12V	12V	12V	
Output Voltage Range	5V (No potentiometer)	12V (No potentiometer)	11.5-14.5V	11.5-14.0V	12-14V	
Output Current	0-1.5A	0-0.83A	0-2.1A	0-4.5A	0-6.0A	
Output Power	7.5W	9.96W	25W	54W	72W	
PARD (20MHz)	< 100mVpp					
Hold-up Time	115Vac	> 10ms	> 25ms	> 16ms	> 20ms	
	230Vac	> 60ms	> 60ms	> 60ms	> 100ms	
INPUT						
Phase Input	Single Phase					
Input Voltage Range	90-264Vac			90-264Vac (DC input range 125-375Vdc) ¹⁾	90-264Vac	
Input Frequency	47-63Hz					
Input Current	115Vac	< 0.3A	< 0.8A	< 1.5A	< 1.5A	
	230Vac	< 0.2A	< 0.6A	< 0.8A	< 0.9A	
Efficiency ²⁾ at 100% Load	115Vac	> 77.0%	> 85.0%	> 86.0%	> 86.0%	
	230Vac	> 76.0%	> 80.5%	> 86.0%	> 86.0%	
Max Inrush Current (Cold Start)	115Vac	< 15A	< 25A	< 30A	< 30A	
	230Vac	< 30A	< 30A	< 60A	< 65A	
Power Factor	Conform to EN 61000-3-2					
Leakage Current	240Vac	< 0.25mA	< 0.25mA	< 0.25mA	-	
	264Vac	-	-	-	< 0.25mA	
MECHANICAL						
Case Cover / Chassis	Plastic					
Dimensions (L × W × D)	mm	91 × 18 × 55.6	91 × 18 × 55.6	91 × 53 × 55.6	91 × 71 × 55.6	91 × 89.9 × 55.6
	inch	3.58 × 0.71 × 2.19	3.58 × 0.71 × 2.19	3.58 × 2.09 × 2.19	3.58 × 2.80 × 2.19	3.58 × 3.54 × 2.19
Unit Weight	kg	0.06	0.06	0.14	0.22	0.36
	lb	0.13	0.13	0.31	0.49	0.79
Cooling System	Convection					
MTBF ³⁾	> 500,000 hrs	> 500,000 hrs	> 500,000 hrs	> 500,000 hrs	> 500,000 hrs	
ENVIRONMENT						
Operating Temperature ⁴⁾	-25°C to +71°C					
Storage Temperature	-25°C to +85°C				-40°C to +85°C	
Operating Humidity	5 to 95% RH (Non-Condensing)					
Operating Altitude	0 to 2,000 m (0 to 6,560 ft)					

Dimensions Reference



Notes

- 1) DRC-12V60W1CZ is certified for DC input.
- 2) At 25°C ambient temperature by vertical mounting orientation.
- 3) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 100Vac, O/P: 100% load, Ta: 35°C) for vertical mounting orientation.
- 4) Refer power de-rating in the product datasheet.
- 5) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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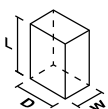


- Class II, Double Isolation (No earth connection is required)
- Full power up to 55°C
- Power will not de-rate for the entire input voltage range
- Can be installed in compact cabinets
- NEC Class 2 and Limited Power Source (LPS) approvals
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Safety approval according to IEC/EN/UL 60950-1, IEC/EN/UL 62368-1 and UL 508
- Household appliance approvals IEC/EN 60335-1 (DRC-24V10W1HZ)

Specifications

OUTPUT		DRC-24V10W1A□	DRC-24V10W1HZ	DRC-24V30W1A□	DRC-24V60W1A□	DRC-24V100W1A□
Output Voltage		24V	24V	24V	24V	24V
Output Voltage Range		24V (No potentiometer)	24V (No potentiometer)	23.52-24.48V	24-28V	22-24V
Output Current		0-0.42A	0-0.42A	0-1.25A	0-2.5A	0-3.8A
Output Power		10W	10W	30W	60W	91.2W
PARD (20MHz)		< 100mVpp				
Hold-up Time	115Vac	> 10ms	> 10ms	> 25ms	> 16ms	> 10ms
	230Vac	> 60ms	> 60ms	> 60ms	> 60ms	> 60ms
INPUT						
Phase Input		Single Phase				
Input Voltage Range		90-264Vac				90-264Vac (DC input range 125-375Vdc) ¹⁾
Input Frequency		47-63Hz				
Input Current	115Vac	< 0.3A	< 0.3A	< 0.8A	< 1.5A	< 2.2A
	230Vac	< 0.2A	< 0.2A	< 0.6A	< 1.0A	< 1.0A
Efficiency ²⁾ at 100% Load	115Vac	> 80.0%	> 80.0%	> 87.0%	> 88.0%	> 87.0%
	230Vac	> 80.0%	> 80.0%	> 87.0%	> 88.0%	> 89.0%
Max Inrush Current (Cold Start)	115Vac	< 15A	< 15A	< 25A	< 30A	< 30A
	230Vac	< 30A	< 30A	< 50A	< 60A	< 60A
Power Factor		Conform to EN 61000-3-2				
Leakage Current	240Vac	< 0.25mA	< 0.25mA	< 0.25mA	< 0.25mA	< 0.25mA
MECHANICAL						
Case Cover / Chassis		Plastic				
Dimensions (L × W × D)	mm	91 × 18 × 55.6	91 × 18 × 55.6	91 × 53 × 55.6	91 × 71 × 55.6	91 × 89.9 × 55.6
	inch	3.58 × 0.71 × 2.19	3.58 × 0.71 × 2.19	3.58 × 2.09 × 2.19	3.58 × 2.80 × 2.19	3.58 × 3.54 × 2.19
Unit Weight	kg	0.065	0.065	0.14	0.22	0.35
	lb	0.14	0.14	0.31	0.49	0.77
Cooling System		Convection				
MTBF ³⁾		> 500,000 hrs	> 500,000 hrs	> 500,000 hrs	> 500,000 hrs	> 500,000 hrs
ENVIRONMENT						
Operating Temperature ⁴⁾		-25°C to +71°C				
Storage Temperature		-25°C to +85°C				
Operating Humidity		5 to 95% RH (Non-Condensing)				
Operating Altitude		0 to 2,000 m (0 to 6,560 ft)				

Dimensions Reference



Notes

- 1) This model is certified for DC input.
- 2) At 25°C ambient temperature by vertical mounting orientation.
- 3) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 100Vac, O/P: 100% load, Ta: 35°C) for vertical mounting orientation.
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