

CHROME (5V, 12V, 24V)



- 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)
- Household appliance approvals IEC/EN 60335-1
(DRC-24V10W1HZ)

Applications



Output		DRC-5V10W1A□	DRC-12V10W1A□	DRC-12V30W1A□	DRC-12V60W1□□	DRC-12V100W1AZ	DRC-24V10W1A□	DRC-24V10W1HZ	DRC-24V30W1A□	DRC-24V60W1A□	DRC-24V100W1A□	
Output Voltage		5V	12V	12V	12V	12V	24V	24V	24V	24V	24V	
Output Voltage Range		5V (No potentiometer)	12V (No potentiometer)	11.5-14.5V	11.5-14.0V	12-14V	24V (No potentiometer)	24V (No potentiometer)	23.52-24.48V	24-28V	22-24V	
Output Current		0-1.5A	0-0.83A	0-2.1A	0-4.5A	0-6.0A	0-0.42A	0-0.42A	0-1.25A	0-2.5A	0-3.8A	
Output Power		7.5W	9.96W	25W	54W	72W	10W	10W	30W	60W	91.2W	
PARD (20MHz)		< 100mVpp										
Hold-up Time	115V _{AC}	> 10ms		> 25ms	> 10ms				< 100mVpp		> 16ms	> 10ms
	230V _{AC}	> 60ms			> 100ms				> 25ms		> 60ms	
Input												
Phase Input		Single Phase					Single Phase					
Input Voltage Range		90-264 V _{AC}			90-264 V _{AC} (DC input range 125-375 V _{DC}) ¹⁾		90-264 V _{AC}			90-264 V _{AC} (DC input range 125-375 V _{DC}) ¹⁾		
Input Frequency		47-63Hz										
Input Current	115V _{AC}	< 0.3A	< 0.3A	< 0.8A	< 1.5A	< 1.5A	< 0.3A	< 0.8A	< 1.5A	< 2.2A		
	230V _{AC}	< 0.2A	< 0.2A	< 0.6A	< 1.0A	< 0.9A	< 0.2A	< 0.6A		< 1.0A		
Efficiency ²⁾ at 100% Load	115V _{AC}	> 77.0%	> 82.0%	> 85.0%	> 86.0%		> 80.0%	> 87.0%	> 88.0%	> 87.0%		
	230V _{AC}	> 76.0%	> 80.5%							> 89.0%		
Max Inrush Current (Cold Start)	115V _{AC}	< 15A		< 25A	< 30A		< 15A	< 25A	< 30A			
	230V _{AC}	< 30A		< 50A	< 60A	< 65A	< 30A	< 50A	< 60A			
Power Factor		Conform to EN 61000-3-2										
Leakage Current	240V _{AC}	< 0.25mA				-	Conform to EN 61000-3-2					
	264V _{AC}	-				< 0.25mA	< 0.25mA					
Mechanical												
Case Cover / Chassis		Plastic										
Dimensions (H × W × D)	mm	91 × 18 × 55.6	91 × 18 × 55.6	91 × 53 × 55.6	91 × 71 × 55.6	91 × 89.9 × 55.6	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	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	
	kg	0.06	0.06	0.14	0.22	0.36	0.065	0.065	0.14	0.22	0.35	
Unit Weight	lb	0.13	0.13	0.31	0.49	0.79	0.14	0.14	0.31	0.49	0.77	
	Convection											
Cooling System	Convection											
MTBF ³⁾	> 500,000hrs											
Environment												
Operating Temperature ⁴⁾		-25°C to +71°C							-25°C to +71°C			
Storage Temperature		-25°C to +85°C				-40°C to +85°C		-25°C to +85°C				
Operating Humidity		5 to 95% RH (Non-Condensing)							5 to 95% RH (Non-Condensing)			
Operating Altitude		0 to 2,000m (0 to 6,560ft)							0 to 2,000m (0 to 6,560ft)			

Dimensions Reference



Notes

- 1) DRC-12V60W1CZ and DRC-24V100W1A□ are 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: 100V_{AC}, 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.