

Raddrizzatore Digitale 220Vdc

Digital Rectifier 220Vdc

Apart from its standard production, Astrid is also able to provide units designed to customer's specifications for industrial applications.

Standard Features:

- Mains isolation transformer
- Digital control electronics thyristors
- Rectifier Stack (thyristors)
- Output Filter

Options:

- 12 Pulses Rectifier or 12 Pulses Rectifier with THDI Filter
- Earth Fault monitoring, Single or Dual polarity
- Parallel Redundant Configuration (up to 4)
- Decoupling Diode
- DC Voltage Dropper
- Dry Contact Relay Cards
- RS485 Mod-bus interface
- SNMP TCP/IP interface
- 4-20 mA interface



Model	220RCN 50	220RCN 100	220RCN 150	220RCN 200	220RCN 300	220RCN 400	220RCN 500	220RCN 600	220RCN 800	220RCN 1000	
General specification											
Input voltage	400 Vac 3Ph, $\pm 10\%$ (Optional for other AC input voltage)										
Input frequency	50 - 60 Hz, $\pm 5\%$										
Output voltage	220 Vdc										
Output current	50A	100A	150A	200A	300A	400A	500A	600A	800A	1000A	
DC voltage accuracy	$\pm 1\%$ from 0 to 100% load, with full input voltage / frequency variation										
Charging characteristic	Constant current / Constant voltage (I/U as per IEC 478-1 / DIN41773)										
DC ripple voltage	<1% rms with or without battery connected										
Cooling method	Natural convection up to 500A										
Ambient conditions											
Temperature	-10° C to 40° C										
Relative humidity	95% - non condensing										
Altitude	1000m asl										
Air quality	Normal (low concentration of dust / corrosive gas)										
Compliance standards											
Quality / Environment	ISO 9001:2000 / ISO14001										
Rectifier basic standard	EN 60146										
EMC standard	EN 61000-6-2 / 61000-6-4										
Performance	EN62040-3										
Safety	EN 50178										
Others	Optional upon request										
Mechanical											
Dimension: Length	600mm		800mm			1000mm					
Dimension: Width	800mm								1000mm		
Dimension: Height	2100mm										
Weight	330Kg	460Kg	550Kg	630Kg	750Kg	870Kg	970Kg	1050Kg	1350Kg	1500Kg	
Protection degree	IP20 (Optional for other protection degree)										
Cable entry	Bottom (Optional for other cable entry)										