

SummitGroup UK

Air Cooled Cathodic Protection Rectifiers

SGA Series



Technical Specifications

Input Voltage	400VAC \pm 10%, 50/60Hz, 3 Phase (Single Phase Options Available)
Output Voltage	0 - 15V, 0 - 20V, 0 - 25V, 0 - 30V, 0 - 50V
Output Current	0 - 10A, 0 - 20A, 0 - 25A, 0 - 30A, 0 - 50A
Output Fuse	Fast Acting Fuse (Rating Dependent On Output Current Specification)
Short Circuit Protection	Input Breaker, Transformer Secondary Fuses
Thermal Protection	90°C \pm 5°C (Heat Sink Temperature)
Efficiency	>95%
Operating Temp. Range	-30 to +60°C
Output Voltage Meter	Analog or Digital Voltmeter Based On Output Voltage Specification
Output Current Meter	Analog or Digital Ammeter Based On Output Current Specification
Input Voltage Meter	0 - 500V AC Digital Meter.
Ingress Protection	IP 54
Dimensions	700MM X 500MM X 300MM (Typical)
Power Control Method	Silicon Diode Module
High Voltage Protection	Input Protection 600V MOV, Output Protection 75V MOV And Gas Tube
Operating Modes	Constant Voltage Continuous Interrupted
Interrupted Mode Operation	
On Time Adjustment Range	0.1 to 99 Seconds
Off Time Adjustment Range	0.1 to 99 Seconds
Oil Level & Temp. Gauge	Not Applicable (Air Cooled)
Cooling Oil Quantity	Not Applicable (Air Cooled)
Warranty	2 Years (Components And Workmanship)
Design Life / Life Expectancy	>25 Years

