

SR5 SCR Cathodic Protection Unit



Standard Features

- SCR design for Maximum reliability
- Negligible input harmonics
- Hi / Low Voltage Alarm (Rectifier Failure)
- AC Fail with indication and Form C relay
- Automatic Equalize after discharge
- AC Breaker 2 Pole for Single phase, 3 Pole for 3 Phase
- Manual Float – Equalize override
- DC Breaker 2 Pole
- MTBF 100,000 Hours
- Designed for parallel operation with other rectifiers

Specification

Regulation:	< 0.5% for input variation of 10%
Short Circuit Protection:	Electronic SCP
Enclosure:	NEMA 1
Efficiency:	> 90%
Power Factor:	>0.85
Soft start:	Electronic soft start
Ripple:	4% (2%, 1% optional)
Operation:	0-50 Degree Celsius (-40 Degree Operation Optional)
Operation Mode:	Constant Current with adjustable Voltage limit
Cooling:	Natural Convection, Forced air (High Power), Vortex cooling Optional
Cabinet:	Wall mount, Rack mount, Floor mount Rating dependant (Stainless Steel Optional)

Input / Output / Approval

Input Voltage:	120, 220, 380, 480, 575, 690, Custom 1 / 3 Phase 50/60 Hz
Output Voltage:	12, 24, 48, 125, 250, Custom
Approvals:	CSA, CSA us (UL)