

PROTECT RCS

THYRISTOR CONTROLLED INDUSTRIAL RECTIFIER & BATTERY CHARGER

Input:

220/230/240 VAC 1 phase
380/400/415 VAC 3 phase

Output:

24 VDC; 25 – 1000 A
48 VDC; 25 – 1000 A
110 VDC; 25 – 1000 A
125 VDC; 25 – 1000 A
220 VDC; 25 – 1000 A

AEG Power Solutions rectifiers assure permanent availability of all your global industrial applications including oil, gas & petrochemical, power generation, transportation and other infrastructure.

The Protect RCS DC system has been developed and designed to provide high reliability power supply and battery charging capability.

The Protect RCS DC system is a thyristor-controlled rectifier suitable for charging nickel-cadmium or lead-acid batteries while supplying DC loads. It can also be used without batteries as a direct power supply.

The rectifier is built from independent building blocks and can be equipped with optional equipment like distribution boards, diode droppers etc. build inside or in a separate cubicle.

The cabinets are floor mounted and can be designed to meet specific environmental requirements. The batteries are mounted in free-standing racks or in cabinets together with or separated from the rectifier.



Features & Benefits

- » Standard system configurations
- » Heavy duty design
- » Proven microprocessor-controlled thyristor technology
- » Building block modular design
- » High MTBF and low MTTR
- » Built-in protection
- » Digital processing and setting of all parameters
- » Monitoring of all parameters via the front panel display
- » Built-in intelligent battery management
- » Temperature-compensated charge voltage regulation
- » Manual or automatic high rate charge
- » Parallel operation
- » Alarm- and event logger, with a date and time-stamped event log memory
- » Ease of installation, start-up & maintenance
- » International service support

