

Panel rectifier



LIST OF CREDITS

Approximate weight	
Dimensions	
Wide of machine.	
High of machine.	
Length of machine.	
Wide of electrical panel	800 mm
High of electrical panel	2265 mm
Length of electrical panel	1600 mm
Power supply	
400 Vca / 50 Hz + Neuter + Earth	
Documentation	
Project, manual and declaration of conformity.	
Tack of machine	

Panel rectifier

- Panel used for charging batteries (240 batteries) , composed of 12 circuits of 60 A max. each one, controlling tension, intensity and temperature. Each circuit has a three-phase bridge rectifier, semi-controlled by means of SEMIKRON diodes and thyristors, which, together with the galvanic insulating devices, help to obtain a reading for tension and intensity which is accurate to within 0.5 Amperes.
- Dual RITTAL panel, with doors on either side, ventilation in roof and mounting panels in centre for fitting elements on both sides of panel.
- 5" Monochrome touch screen, for monitoring and displaying tension, intensity and temperature. Selection and execution of programs and setting of limits for temperature, tension and intensity of individual shape for up to total of 99 pieces of equipment.
- PC and monitoring programs for control of all data required, adjustable and displayable. The number of programs that the rectifier is able to memorize is virtually unlimited if the equipment is linked up to the UNITELWEL network together with PC.
- Program monitoring using TELEMECÁNIQUE TSX PREMIUM or other PLC, automatic configuration composed of 2 racks using EPROM-type memory to store programs.
- Scada control using the PC with National Instruments V6.1 (labview) programs.

