



- Space saving
- Manual or automatic controlled
- Rack installation possible
- Ah counter, ramp software and more
- Ease of service
- Upgradable



| TECHNICAL SPECIFICATION | | Q150D - DESKTOP |
|---------------------------------|--------------|---|
| Main voltage (3 Phase) | | 208 - 230 - 400 - 440 - 480 - 575 VAC ± 10% / 50-60 Hz |
| Max. output voltage | | 5 - 160 VDC |
| Max. output current | | 10 -1000 A DC |
| Current ripple | | <2% (<1% on request) |
| Operation mode | | Current or voltage control |
| Current regulation range | | 2 - 100% |
| Voltage regulation range | | 5 - 100% |
| Accuracy | | 1% of full scale |
| Power factor | | >0.95 @ rated load |
| Efficiency | | >89% @ rated load |
| Color | | RAL 3004 |
| Cooling | | Air and Water |
| Degree of protection | Air cooled | IP31 |
| | Water cooled | IP42 / IP54 |
| Weight | | Max. 35 kg |
| Ambient temperature | | 40°C (up to 50°C on request) |
| Input water cooling temperature | | 19 - 28°C (up to 35°C on request) |



OPTIONS

COMMUNICATION BOX



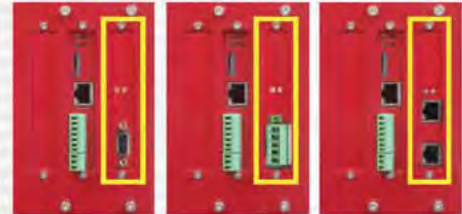
Small and easy access communication box. Cover can be removed to work on cables and interfaces.

REMOTE CONTROL



Small optimized remote control with Ah counter, ramp function, time control and more.

COMMUNICATION ADAPTERS



Profibus-DP, Devicenet, Profinet, Ethernet-IP, Modbus/TCP networks and more

ANALOGUE INTERFACE



Provides digital and analogue I/O to control the rectifier. Ready for 0-10V or 4-20mA signal.

INPUT/OUTPUT SCREW INTERFACE



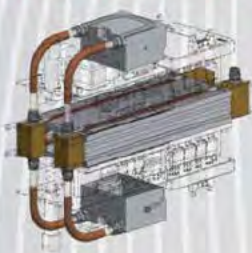
Screw terminal for Modbus RS485 and CPU connection.

MULTI-TOWER INTERCONNECTION



Small kit to be connected to the CPU to turn the rectifier in a tower of a multi-tower system. Towers of different model, type and size can be mixed together. Towers are connected in a daisy-chain way, with a RJ45 cable going from tower to tower.

WATER COOLING SYSTEM IN COPPER



Water cooling system without aluminum parts. Enhanced reliability and robustness of the cooling circuit