



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



<b>TECHNICAL SPECIFICATION</b>		<b>Q150R - RACK</b>
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



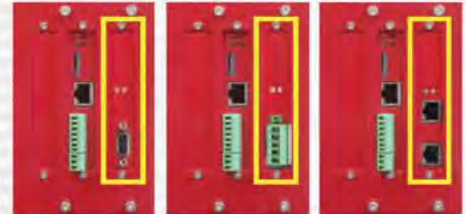
Small and easy access communication box. Cover can be removed to work on cables and interfaces.

### 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



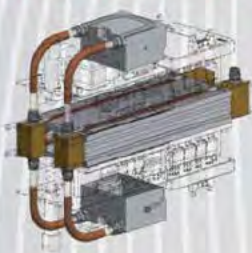
Screw terminal for Modbus RS485 and CPU connection.

### 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