



- Space saving
- Manual or automatic controlled
- High power for production lines
- Ah counter, ramp software and more
- Ease of service
- Upgradable - more power and options

TECHNICAL SPECIFICATION		Q500B
Main voltage (3 Phase)		208 - 230 - 400 - 440 - 480 - 575 VAC ± 10% / 50-60 Hz
Max. output voltage		5 - 450 VDC
Max. output current		22 - 8000 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	IP32 / IP52 / IP54
	Water cooled	IP42 / IP54 / IP65
Weight		79 - 308 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



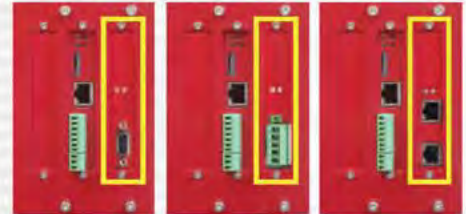
Small and easy access communication box. Cover can be removed to work on cables and interfaces.

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



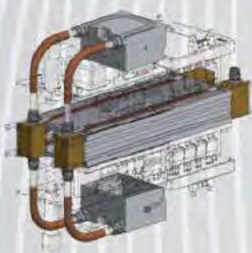
Screw terminal for Modbus RS485 and CPU connection.

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