

## 2.0M LARGE SYSTEM 3.0-120.0kW 48V DC

Rectronic 2.0M large system 3.0-120.0kW 48V DC and have a maximum output current of 2000A.

All-in-one cabinet solutions offer unparalleled

versatility, reliability, power density and OPEX benefits.

Rectronic 2.0M large system can be customised via a selection of distribution modules to cater for specific configuration requirements. DC distributions are staggered front to back to improve cable routing and cabinets are installation friendly for fast deployment and commissioning. The embedded Supervisory module provides intelligent system control and management, with optional auxiliary site monitoring and



**120.0kW**  
Maximum Output Power

**48V**  
Nominal Output Voltage



### Features:

- Fully features hot swappable telecommunications grade rectifiers.
- Integrated AC distribution with built-in surge suppression.
- Range of configurable DC distributors.
- Parallel cabinets for additional power and/or distribution.
- TCP/IP interface and SNMP for remote monitoring and
- Full length lockable security door.
- Multiple language options.
- Web based configuration.
- Local and central office switching.
- Transmission sites.
- MSC's and data centres.

Specifications	
AC Input:	Three phase
Input Circuit breaker:	400Ax 5 Large current terminal
C Surge protection:	In= 20kA( 8/20us),Imax = 40kA (8/20us)
Module Rectifier control circuit breaker	32A/1Px 40
DC Distribution:	Load fuse: 630Ax 2,400Ax 2,200Ax 8 Battery fuse: 1250Ax 4 Shunt: 2000A/75mVx 1 LVD: 2000A x 1
D Surge protection:	In= 20kA( 8/20us),Imax = 40kA (8/20us);
Operating Temperature:	-25 C to +65 C(maximum output power is derated above +55 C)
Storage Temperature:	-45 C to +70 C
Humidity:	5-95% RH (non-condensing)
Altitude:	<2500m, de-rate maximum ambient temperature by 4 C per 1000m above sea level
Mechanical Dimensions W, H, D:	600mm, 2000mm, 600mm
System Numbers	
RTC0483040020:	2.0m large system, 40x RM3048A modular rectifiers, 12x load, 4x battery, 1x SM12 supervisory module.
Configuration Options	
Rectifiers:	RM3048A, 3.0kW modular rectifier, 220V AC input, 48V DC output
Supervisory Modules:	SM12