

Rectronic 4U 48V compact power systems design provides power output 6.0kW and have a maximum output current of 100A.

The system is intended to be a complete power system in a box, All the AC, load and battery connections are made at the rear of the unit.

The system is designed to be extremely simple to install and set up.

- Ultra compact size means more room for revenue generating equipment.

- Single phase input terminals.
- World leading power density.
- Fully featured telecom grade rectifiers.
- Network monitoring available.
- Modular 19" design for ease of installation.
- High reliability means less cost of maintenance.

4U

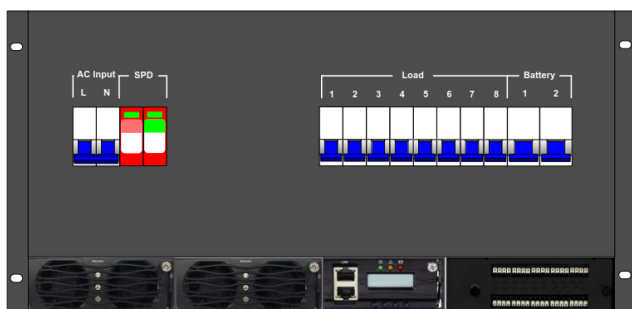
Compact System

6.0kW

Maximum Output Power

48V

Nominal Output Voltage



Specifications	
AC Input:	Single phase (refer to rectifier spec for full details, L, N, E 10mm ² tunnel terminals)
DC Distribution:	Load circuit breakers: 4x 63A, 4x 32A. (16mm ² rear connect tunnel terminals) Battery circuit breakers: 2x 125A. (35mm ² rear connect tunnel terminals)
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:	482.6mm, 178mm, 350mm
Weight:	<19kg (including rectifier modules)
System Numbers	
RTC048300204U:	4U Ultra compact system, 2 x R830H modular rectifiers, 8 x load, 2x battery, 1x SM16A supervisory module.
Configuration Options	
Rectifiers:	R830H, 3.0kW modular rectifier, 220V AC input, 48V DC output
Supervisory Modules:	SM16A