

Rectronic 2U compact power systems design provides 24V, 48V or 60V DC, power output from 600W to 6.0kW and have a maximum output current of 125A.

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.
- Full remote monitoring available means less site visits and less cost.
- Easily customized and configured to suit each customers individual needs.

# 2U

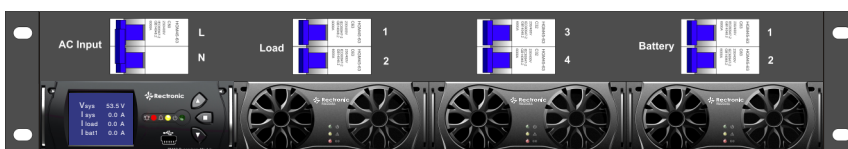
Compact System

# 6.0kW

Maximum Output Power

# 24/48/60V

Nominal Output Voltage



## Specifications

AC Input:	Single phase (refer to rectifier spec for full details, L, N, E 10mm <sup>2</sup> tunnel terminals)
DC Distribution:	Load circuit breakers: 32A/1Px 2, 63A/1Px 2. (10mm <sup>2</sup> rear connect tunnel terminals) Battery circuit breakers: 63A/1Px 2. (10mm <sup>2</sup> 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, 89mm, 350mm
Weight:	<16kg(including rectifier modules)

## System Numbers

RTC024080302U:	2U Ultra compact system, 3x RM824A modular rectifiers, 4x load, 2x battery, 1x SM12 supervisory module.
RTC048200302U:	2U Ultra compact system, 3x RM2048A modular rectifiers, 4x load, 2x battery, 1x SM12 supervisory module.
RTC060180302U:	2U Ultra compact system, 3x RM1860A modular rectifiers, 4x load, 2x battery, 1x SM12 supervisory module.

## Configuration Options

Rectifiers:	RM2048A, 2.0kW modular rectifier, 220V AC input, 48V DC output
	RM1860A/RM1848A, 1.8kW modular rectifier, 220V AC input, 60V or 48V DC output
	RM848A/RM824A, 800W modular rectifier, 220V AC input, 48V or 24V DC output
	RM648A/RM624A, 600W modular rectifier, 220V AC input, 48V or 24V DC output
Supervisory Modules:	SM12