

Rectronic 1U compact power systems design provides 24V, 48V or 60V DC, power output from 600W to 3.6kW and have a maximum output current of 60A.

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.

1U

Compact System

3.6kW

Maximum Output Power

24/48/60V

Nominal Output Voltage



Specifications	
AC Input:	Single phase (refer to rectifier spec for full details, L, N, E 2.5mm ² tunnel terminals)
DC Distribution:	Load circuit breakers: 1x 50A. (6mm ² rear connect tunnel terminals) Battery circuit breakers: 1x50A . (6mm 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, 44mm, 380mm
Weight:	<8.5kg(including rectifier modules)
System Numbers	
RTC024080201U:	1U Ultra compact system, 2x RM824A modular rectifiers, 1x load, 1x battery, 1x SM12 supervisory module.
RTC048180201U:	1U Ultra compact system, 2x RM1848A modular rectifiers, 1x load, 1x battery, 1x SM12 supervisory module.
RTC060180201U:	1U Ultra compact system, 2x RM1860A modular rectifiers, 1x load, 1x battery, 1x SM12 supervisory module.
Configuration Options	
Rectifiers:	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