

Rectronic 5U compact power systems design provides 24V, 48V or 60V DC, power output from 1500W to 12.0kW and have a maximum output current of 250A.

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.

# 5U

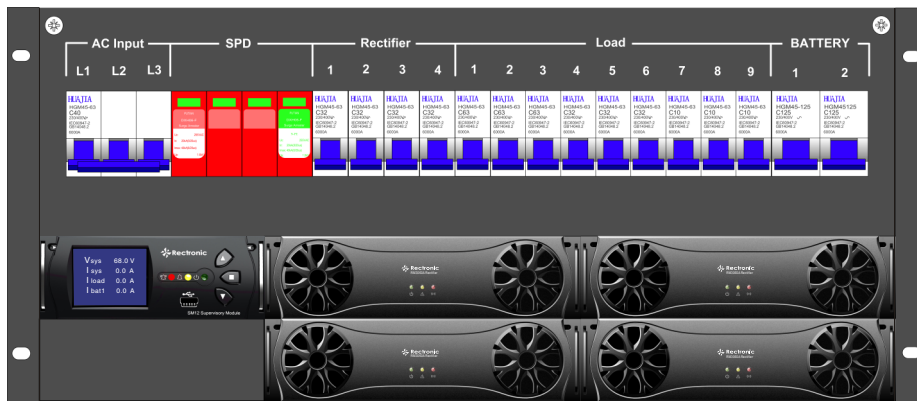
Compact System

# 12.0kW

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: 63A/1Px 3, 32A/1Px 3, 10A/1Px 3. (10mm <sup>2</sup> rear connect tunnel terminals) Battery circuit breakers: 125A/1Px 2. (35mm <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, 222.5mm, 350mm
Weight:	<26.5kg (including rectifier modules)
System Numbers	
RTC024150405U:	5U Ultra compact system, 4x RM1524A modular rectifiers, 9x load, 2x battery, 1x SM12 supervisory module.
RTC048300405U:	5U Ultra compact system, 4x RM3048A modular rectifiers, 9x load, 2x battery, 1x SM12 supervisory module.
RTC060300405U:	5U Ultra compact system, 4x RM3060A modular rectifiers, 9x load, 2x battery, 1x SM12 supervisory module.
Configuration Options	
Rectifiers:	RM3060A/RM3048A, 3.0kW modular rectifier, 220V AC input, 60V or 48V DC output RM1524A, 1.5kW modular rectifier, 220V AC input, 24V DC output
Supervisory Modules:	SM12