

Home Office  
SME Use  
Telecommunications  
Data Centre



**Adept Power Solutions Ltd**  
Adept House, 65 South Way  
Walworth Business Park  
Andover, Hampshire  
SP10 5AF

**E:** enquiries@adeptpower.co.uk  
**T:** 01264 351415

## Riello Multi Power Modular UPS

**Part No.** MPX

### Product Description

The Riello Multi Power is an award-winning modular solution. This set up allows for high efficiency, maximum availability, and 'pay as you grow' scalability in a space-saving footprint, perfect for any sector. Choose from 15-25-42 kW modules and a range of cabinets.

#### Unparalleled Scalability

With a 'pay as you grow' model, you can add to your existing UPS as and when required by adding extra power modules. That's 15-60 kW, 25-100 kW, or 42-252 kW power plus redundancy in a single chassis. Parallel up to 4 cabinets and you can easily scale up to:

- 15-240 kW + redundancy (MPX 15 kW modules)
- 25-400 kW + redundancy (MPX 25 kW modules)
- 42-1008 kW + redundancy (MPW 42 kW modules)

#### Superior Protection

With exceptional efficiency - 96.5% in ONLINE mode and with unmatched power density, the Riello Multi Power range is manufactured with specially-designed, custom-made components that deliver full-rated (pf 1) unity power.

#### Downtime-Free Maintenance Guaranteed

Each power module and battery unit is hot-swappable and easily accessible from the front of your UPS. A simple but highly effective design allowing engineers to service, maintain, and even swap-out individual modules without powering the system down so you're never without your UPS.

### Features

- Exceptional efficiency (up to 96.5%)
- Unmatched power density (466 kW per m<sup>2</sup>) in a compact footprint
- Hot-swappable modules that ensure no downtime during maintenance

- Intuitive 7-inch LCD touchscreen display
- Advanced communications options
- A choice of power modules – 15 kW or 25 kW in 2U height (MPW) or the standard 42 kW (MPX)
- Space-saving combination cabinets housing both power modules and battery units
- “Pay as you grow” by adding extra power modules (15-60 kW, 25-100 kW, or 42-252 kW power plus redundancy in a single chassis)
- Parallel up to 4 cabinets together and you can easily scale up power to:
  - (MPX 15 kW modules): 15-240 kW N+1
  - (MPX 25 kW modules) 25-400 kW N+1
  - (MPW 42 kW modules): 42-1008 kW N+1
- Hot system expansion ensures there’s no downtime
- Outstanding Protection
  - includes a three-level inverter and IGBT rectifier that delivers full-rated (pf 1) unity power
- All components perform even at high temperatures of 40 °C
- Each power module features 3 microprocessors
- Power cabinets have 2 microprocessors
- High Efficiency At All Load Levels - 96.5% efficiency in ON LINE double conversion mode.
- Energy Saving Mode, it's capable of high efficiency (95%+) even at loads as low as 20-25%
- Eligible for Energy Technology List (ETL), allowing you to offset the capital costs against your taxable profits
- Downtime-Free Maintenance Guaranteed

## Specification

|                      |                     |
|----------------------|---------------------|
| <b>Power Range</b>   | <i>45 - 294 kVA</i> |
| <b>Weight</b>        | <i>145 - 350kg</i>  |
| <b>Input Phases</b>  | <i>3</i>            |
| <b>Output Phases</b> | <i>3</i>            |