

WATTPOWER

EUROPEAN MANUFACTURER OF UPS SYSTEMS, CHARGERS, INVERTERS, POWER SUPPLIES

MCI & RCI

DC-UPS

CHARGERS

BACKED UP POWER SUPPLY

24V or 48V

500W to 8000W

Wall Mounting Box or Cabinet

Floor Cabinet

19" Rack



**Applications:
Telecoms, Telephone,
Industry, Security...**



THE BACKED UP POWER SOLUTION

In stand alone or in parallel, the MCI&RCI are the suitable solution for any application which may need a backed up power supply. The technology is switch mode, and the topology make the product really complete so that no additional equipment are needed.

In Wall Box, in Rack 19" or in Floor mount with battery space, the MCI&RCI are designed to supply a load to float and manage a battery string. The battery current limitation is adjusted to 50% of output nominal current, and could be set as per your need.

SPECIFICATIONS

INPUT PARAMETERS

Voltage range..... 230 Vac +/-15%
 Frequency range.....47 to 63 Hz
 Maximum current..... 3 to 60 A

OUTPUT PARAMETERS

Nominal voltage 24 V or 48 V
 Floating voltage..... 27,2 V or 54,4V
 Equalisation voltage 27,6 V or 55,2 V
 Maximum current 10 to 150 A
 Maximum power.....500 to 8000 W

GENERAL FEATURES

ON/OFFFront access switch
 Efficiency> 0.85
 Cooling..... Natural or Forced
 MTBF > 100.000 H
 Neutral G/N / G/G

PROTECTIONS

Input over voltage300 Vac
 Output over voltage..... 30 V or 60 V
 Deep discharge..... 21 V or 42 V
 Short circuit, Reverse polarity, High Temperature
 Input Fuse, Battery Fuse, Output Load Fuse, Auxiliary Output Fuse

SIGNALISATION

Charger working..... Green Led
 Output voltage correct..... Green Led
 Over voltage output..... Red Led
 Equalisation mode Yellow Led
 Mains present Orange Lamp
 LCD displayfor Output Current & Voltage

ALARMS (Dry contacts)

Fault charger, Low battery, Mains absent

STANDARD CONFORMITY

Inrush current..... ETS 300132-1
 Security..... NFS 60950
 Electromagnetic compatibility..... EN 50081-1 / EN 50082-1

ENVIRONMENTAL

Operating Temperature - 10° to + 50°
 Storage Temperature - 20° to + 50°
 Humidity.....95% at 25°C
 Altitude.....2000 m

* Weight without battery

MAIN FEATURES

- Rack, Wall Mounting or Floor Mounting
- Battery in same cabinet or not
- LVD integrated
- Protections & Alarms
- Can be connected in parallel
- Delivered with/without Battery
- Battery 12V: 24, 38, 65, 85, 110, 150 Ah
- Version 24V & 48V
- Basic & Telecom Applications

Wall Mounting Box without Battery place

Reference	Designation	W x H x D (mm)	Weight*
RN98611	MCI SEB1 24V 20A	325 x 520 x 100	8 kg
RN98626	MCI SEB1 24V 30A	325 x 520 x 100	8 kg
RN99152	MCI SEB2 24V 50A	434 x 590 x 153	18 kg
RN96904	MCI SEB1 48V 10A	325 x 520 x 100	8 kg
RN96545	MCI SEB1 48V 16A	325 x 520 x 100	8 kg
N94051011	MCI SEB2 48V 25A	434 x 590 x 153	18 kg
N9405101	MCI SEB2 48V 32A	434 x 590 x 153	18 kg
RN04711	MCI SEB2 48V 40A	434 x 590 x 153	16 Kg
RN04712	MCI SEB2 48V 50A	434 x 590 x 153	16 Kg
RN04713	MCI SEB3 48V 100A	540 x 630 x 200	27 Kg
RN04714	MCI SEB4 48V 150A	450 x 650 x 250	32 Kg

Rack without Battery place

Reference	Designation	W x H x D (mm)	Weight*
RN00518	RCI SEB1 24V 20A	19" x 2U x 265	8 Kg
RN01940	RCI SEB1 24V 30A	19" x 2U x 265	8 Kg
RN01941	RCI SEB2 24V 50A	19" x 4U x 360	15 Kg
RN96927	RCI SEB1 48V 10A	19" x 2U x 265	8 Kg
RN04721	RCI SEB1 48V 12A	19" x 2U x 265	8 Kg
RN96925	RCI SEB1 48V 16A	19" x 2U x 265	8 Kg
RN969171	RCI SEB2 48V 25A	19" x 4U x 360	15 Kg
RN96917	RCI SEB2 48V 32A	19" x 4U x 360	15 Kg

Wall Mounting Cabinet with Battery place

Reference	Designation	W x H x D (mm)	Weight*	Capacity
RN98533	MCI AM 24V 20A	455 x 570 x 280	17 Kg	0 to 76 Ah
RN01947	MCI AM 24V 30A	455 x 570 x 280	18 Kg	0 to 76 Ah
RN01948	MCI AM 48V 10A	455 x 570 x 280	17 Kg	0 to 38 Ah
RN00C10	MCI AM 48V 16A	455 x 570 x 280	18 Kg	0 to 38 Ah

Floor Cabinet with Battery place

Reference	Designation	W x H x D (mm)	Weight*	Capacity
RN03933	MCI ASP 24V 20A	455 x 700 x 450	30 Kg	0 to 220 Ah
RN03934	MCI ASP 24V 30A	455 x 700 x 450	30 Kg	0 to 220 Ah
RN03935	MCI ASP 48V 10A	455 x 700 x 450	30 Kg	0 to 110 Ah
RN03936	MCI ASP 48V 16A	455 x 700 x 450	30 Kg	0 to 110 Ah
RN04715	MCI ASM 48V 25A	455 x 740 x 650	49 Kg	0 to 110 Ah
RN04716	MCI ASM 48V 32A	455 x 740 x 650	49 Kg	0 to 110 Ah
RN04717	MCI ASM 48V 40A	455 x 740 x 650	49 Kg	0 to 110 Ah
RN04718	MCI ASM 48V 50A	455 x 740 x 650	49 Kg	0 to 110 Ah
RN04719	MCI ASG 48V 100A	600 x 1100 x 600	89 Kg	0 to 160 Ah
RN04720	MCI ASG 48V 150A	600 x 1100 x 600	89 Kg	0 to 160 Ah

Options

Reference	Designation
N940512	Periodical equalisation card
RN00A19	Automatically equalisation card
RN04722	Regulator 24 V or 48 V