

## Pulsar PDU and Maintenance Bypass Switch Range



*Introducing the Pulsar PDU and MBS range designed to facilitate flexibility in expanding the power distribution requirements and to provide an external maintenance bypass switch to provide continuous utility AC power protection for your critical system installations.*

### Features

- ▶ Ideal for 19" rackmounted protection
- ▶ Multiple rack, and wall mounting bracket options
- ▶ Dual circuit breakers on PDUs for optimal performance and reliability
- ▶ Space-saving form factor to save valuable enclosure space and minimize heating
- ▶ Front and rear access for input and output line cords for wiring flexibility
- ▶ Pulsar MBS range serves a dual purpose as a PDU
- ▶ Flexibility in line cords and receptacle choices
- ▶ Designed for use with the MGE Pulsar EX RT and EX RT online UPS product ranges



## Pulsar PDU (Power Distribution Unit)

- ▶ Modular rack-mount 2U design.
- ▶ Brackets included for flush mount or center mount in the rack.
- ▶ Brackets included for wall mount or vertical rackmount.
- ▶ Separate models are provided with line cord on the front panel or on the rear panel.
- ▶ 7.5 ft line cord.
- ▶ Two receptacle front panels each equipped with dedicated breaker.
- ▶ Ratings are as follows :
  - ▶ 12A, 120VAC, 50Hz / 60Hz
  - ▶ 16A, 120VAC, 50Hz / 60Hz
  - ▶ 24A, 120VAC, 50Hz / 60Hz

Line cords and receptacles options are listed below

### Pulsar PDU : Input cord, at the front panel

PDU Model	PDU Part number	INPUT CORD	RECEPTACLE PANEL WITH CB	RECEPTACLE PANEL WITH CB
Pulsar PDU115-02	51111	5-15P	(6) 5-15/20R	(6) 5-15/20R
Pulsar PDU120-02	51611	L5-20P	(6)5-15/20R	(6)5-15/20R
Pulsar PDU120-02	51612	L5-20P	(2) L5-20R	(6)5-15/20R
Pulsar PDU120-02	51613	L5-20P	(2) L5-20R	(2) L5-20R
Pulsar PDU130-02	51711	L5-30P	(6)5-15/20R	(6)5-15/20R
Pulsar PDU130-02	51714	L5-30P	(2) L5-30R	(2) L5-20R
Pulsar PDU130-02	51715	L5-30P	(2) L5-30R	(1) L5-20R, (4)5-15/20R
Pulsar PDU130-02	51716	L5-30P	(2) L5-30R	(2) L5-30R
Pulsar PDU130-02	51712	L5-30P	(2) L5-20R	(6)5-15/20R
Pulsar PDU130-02	51717	L5-30P	(2) L5-30R	(6)5-15/20R

### Pulsar PDU: Input cord at rear panel

Pulsar PDU115-02	52111	5-15P	(6) 5-15/20R	(6) 5-15/20R
Pulsar PDU120-02	52611	L5-20P	(6)5-15/20R	(6)5-15/20R
Pulsar PDU120-02	52612	L5-20P	(2) L5-20R	(6)5-15/20R
Pulsar PDU120-02	52613	L5-20P	(2) L5-20R	(2) L5-20R
Pulsar PDU130-02	52711	L5-30P	(6)5-15/20R	(6)5-15/20R
Pulsar PDU130-02	52714	L5-30P	(2) L5-30R	(2) L5-20R
Pulsar PDU130-02	52715	L5-30P	(2) L5-30R	(1) L5-20R, (4)5-15/20R
Pulsar PDU130-02	52716	L5-30P	(2) L5-30R	(2) L5-30R
Pulsar PDU130-02	52712	L5-30P	(2) L5-20R	(6)5-15/20R
Pulsar PDU130-02	52717	L5-30P	(2) L5-30R	(6)5-15/20R

## Pulsar Maintenance Bypass Switch (MBS)

- ▶ Designed for Pulsar EX700-3200 RT UPS
- ▶ 12A, 120VAC, 50Hz / 60Hz
- ▶ 16A, 120VAC, 50Hz / 60Hz
- ▶ 24A, 120VAC, 50Hz / 60Hz

MBS model	Part Number	Utility Input cord/plug	UPS Input	UPS Output	Critical Load Receptacles
Pulsar MBS115-02	59101	5-15P, 10FT	5-15R	5-15P, 6 FT	(6)5-15R
Pulsar MBS120-02	59102	L5-20P,10 FT	L5-20R	L5-20P, 6FT	(6)5-15/20R
Pulsar MBS120-02	59103	L5-20P,10 FT	L5-20R	L5-20P, 6FT	(1)L5-20R, (4) 5-15/20R
Pulsar MBS130-02	59104	L5-30P,10 FT	L5-30R	L5-30P, 6FT	(6)5-15/20R
Pulsar MBS130-02	59105	L5-30P,10 FT	L5-30R	L5-30P, 6FT	(1)L5-20R, (4) 5-15/20R
Pulsar MBS130-02	59106	L5-30P,10 FT	L5-30R	L5-30P, 6FT	(1)L5-30R, (4) 5-15/20R
Pulsar MBS130-02	59107	L5-30P,10 FT	L5-30R	L5-30P, 6FT	(1)L5-30R, (1)L5-20R

## Performance & Electrical Characteristics

- ▶ Input/Output – 120 VAC , Line to Neutral plus ground
- ▶ Input/Output current – see rating table
- ▶ Frequency – 47 to 63 Hz
- ▶ Operating temperature – from 0° C to 40° C
- ▶ Dielectric strength – 2500 VAC & 2500 VDC

## Mechanical Requirements

- ▶ PDU is rackmount type with removable “L” brackets for 19” cabinets.
- ▶ Includes “wall mount” and “zero U type” mounting brackets

## Dimensions and Weight:

- ▶ 3.47in (2U)
- ▶ 19 in with bracket
- ▶ 3.47 in
- ▶ Weight 10 lbs

## Agencies

- ▶ UL , cUL listed  

### Additional options

Various other line cord and receptacle PDU and MBS offerings are available upon request. Please contact your local MGE representative for information regarding custom requirements.

## MGE UPS SYSTEMS

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