



4+4 OUTLET

2000VA
ONLINE UPS

PR-R8U2K



TOTAL OUTLETS
4 ALWAYS ON
4 PROGRAMMABLE



UNINTERRUPTABLE
POWER SUPPLY



FOUR 12-VOLT 9 AMP
HOUR BATTERIES



CONFIGURABLE VOLTAGE
& **FREQUENCY OUTPUT**



RACK
MOUNTABLE



ONLINE UPS
POWER



***MAVBASE INTEGRATION ONLY**
WHEN PAIRED WITH PDU THAT
HAS UPS PAIRING FUNCTIONS

POWER LOSS **SOLUTIONS**

The PR-R8U2K is the first UPS that integrates with the Big Dog Power: Power Distribution system (PR-R13PI and PR-V7PI) to give a seamless experience when you have equipment that needs to stay running for as long as possible in the event of a power outage. This is a 2U rack mounted 2000VA Double Conversion Online UPS with 8 Total outlets, with 4 always on and a group of 4 programmable outlets. Due to the Online nature of this PDU, there is no relay to switch power from the AC mains to the battery power which means no period where there may not be power, saving those sensitive electronics from short term power loss errors.



WARNING:
Cancer and Reproductive Harm
www.P65Warnings.ca.gov



EtherealPro
BigDogPower.com
APP: MAVbase.com
386-255-0234

FEATURES

- 2RU rack mountable
- Uninterruptible Power Supply
- Online UPS Power
- 2000VA/2000W Capacity
- Four 12-volt 9A Hour batteries
- Input Rating: 110-127VAC @ 50/60Hz 16A
- 1850W Output Rating at 120VAC input
- Load Shedding when paired with Big Dog PDU (PR-R13PI, PR-V7PI)
- Configurable Voltage and Frequency output
- Optional PR-PC1520 for use in 15A outlet



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2000VA ONLINE UPS

PR-R8U2K



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Output Power Rating Table (only for 100/110/115/120/127 VAC system)

Model Name	Input Rating	Output Rating
PR-R8U2K	110-127Vac, 50/60Hz, 16A, 1Ø	100/110/115/120/125/127VAC, 50/60Hz, 1Ø 2000VA/1930W (@127VAC input) ; 2000VA/1930W (@125VAC input) ; 2000VA/1850W (@120VAC input) ; 2000VA/1740W (@115VAC input) ; 2000VA/1640W (@110VAC input) ; 2000VA/1500W (@100VAC input)

Specifications:

CAPACITY*: 2000VA/2000W

INPUT

VOLTAGE RANGE: Low Line Transfer - 80VAC/70VAC/60VAC/55VAC \pm 5%
(based on load percentage 100% - 80% / 80% - 70% / 70% - 60% / 60% - 0)

Low Line Comback - 87VAC/77VAC/67VAC/62VAC \pm 5%

High Line Transfer - 150 VAC \pm 5%; High Line Comeback - 145VAC \pm 5%

FREQUENCY RANGE: 40Hz - 70Hz

PHASE: Single Phase with Ground

POWER FACTOR: \geq 0.99 @ full load \leq 5% @ 205-245VAC or 100-130VAC

THDU: $<$ 1.6% @ input and full linear load condition

OUTPUT

OUTPUT VOLTAGE: 100/110/115/120/127VAC

AC VOLTAGE REGULATION: \pm 1% (Batt. Mode)

FREQUENCY RANGE (SYNCHRONIZED RANGE): 47Hz ~ 53Hz or 57Hz - 63Hz

FREQUENCY RANGE: 60Hz \pm 0.1Hz (Batt. Mode)

CURRENT CREST RATIO: 3:1

HARMONIC DISTORTION: Transfer Time ; AC Mode to Battery Mode ; Inverter to Bypass
 \leq 2% THD (Linear Load) ; 4% THD (Non-linear Load) ; Zero ; $<$ 4 ms

WAVEFORM (BATT. MODE): Pure Sinewave

EFFICIENCY

AC MODE: \geq 91% @ full charged battery ; **ECO MODE:** \geq 96% @ full charged battery

BATTERY MODE: \geq 90%

BATTERY

BATTERY TYPE: 12V/9AH ; **NUMBERS:** 4

RECHARGE TIME: 3 hours recover to 95% capacity for internal battery@
2A charging current

CHARGING CURRENT: 100/110/115/120 /127 VAC models: default 2A, max. 8A adjustable

CHARGING VOLTAGE: 54.7 VDC \pm 1%

PHYSICAL

DIMENSION, D X W X H (MM): 510 x 438 x 88

NET WEIGHT (KGS): With battery - 19.5 ; Without battery - 9.4

ENVIRONMENT

OPERATION HUMIDITY: 20 - 95% RH @ 0 - 40°C (non-condensing)

NOISE LEVEL: Less than 50dBA @ 1 Meter (With fan speed control)