



**4+4**  
OUTLET

**2000VA**  
**ON-LINE UPS**

**PR-R8U2K**



**8**  
TOTAL OUTLETS  
+4 BATTERY POWERED



**UNINTERRUPTIBLE  
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 Online UPS with 8 Total outlets and 4 battery powered 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. Pure Sinewave

### FEATURES

- 2RU rack mountable
- Uninterruptable Power Supply
- Online UPS Power
- 2000VA/2000W Capacity
- Four 12-volt 9 Amp 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



**WARNING:**  
Cancer and Reproductive Harm  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



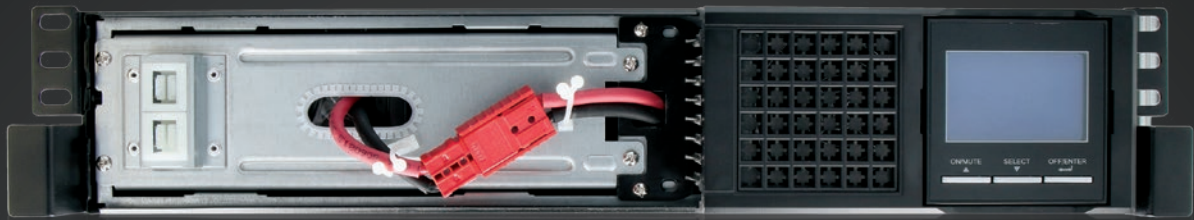
EtherealPro  
**BigDogPower.com**  
APP: MAVbase.com  
**386-255-0234**



**4+4** OUTLET

# 2000VA ON-LINE UPS

PR-R8U2K



**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 3.5%  
( based on load percentage 100% - 80% / 80% - 70% / 70% - 60% / 60% - 0)

Low Line Comback - 87VAC/77VAC/67VAC/62VAC 3.5%

High Line Transfer - 150 VAC 3.5% ; High Line Comeback - 145 VAC 3.5%

**FREQUENCY RANGE:** 40Hz - 70 Hz

**PHASE:** Single Phase with Ground

**POWER FACTOR:** ☑ 0.99 @ full load ☑ 5% @ 205-245VAC or 100-130VAC

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

#### OUTPUT

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

**AC VOLTAGE REGULATION:** 3.1% (Batt. Mode)

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

**FREQUENCY RANGE:** 60Hz 3 0.1 Hz (Batt. Mode)

**CURRENT CREST RATIO:** 3:1

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

**WAVEFORM (BATT. MODE):** Pure Sinewave

#### EFFICIENCY

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

**BATTERY MODE:** ☑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 3.1%

#### 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)

\* Derate capacity to 80% of capacity when the output voltage is adjusted to 100VAC, 200VAC or 208VAC. For 100/110/115/120/127VAC system, the output power ratings are different based on different input voltage. Please check output power rating table for the details. Specs are subject to change without further notice.