

SOLID STATE MULTI-PURPOSE 12V UPS MODULE

(Uninterruptible Power Supply)

Model: R1-SS1512V4A Version: 1.0

DIMENSIONS: 6x3x2" (15.2x10.1x5.0cm)

ELECTRICAL CONNECTIONS:

0 1 0	BAT +
0 2 0	BAT -
0 3 0	Vout -
0 4 0	Vout +
0 5 0	Internal Power Supply +
0 6 0	Internal Power Supply -

INPUTS:

1. 100-240V ~ 1.8A-0.6A
2. Sealed Lead Acid battery (4Ah-60Ah)

OUTPUTS:

- If AC is available - 15VDC 2.7A (3A max), battery will be charged or maintained
- If AC is not available - 12VDC (10A max, also depends on battery)

DESCRIPTION:

The R1-SS1512V4A comes in a durable ABS box, has a fast built-in 1.2A, constant current, constant voltage, SLA battery charger.

A typical configuration is comprised from a 12V / 7Ah battery, and 110VAC from the home electrical system, and a load capable of operating at around 12-15VDC with constant power consumption around 1A.

PRECAUTIONS:

Idle current: < 6mA. For standby periods exceeding 30 days, min. battery size should be 7Ah.
Float voltage is 13.5V (+/- 1%). Use only with SLA.
For fan-less operation, please ensure that the temperature does not exceed 75°C.

OPERATING ENVIRONMENT:

Temperature: -20°C to 65°C.
Relative Humidity: 10% to 90%, non-condensing.
Efficiency, MTBF: 95%. MTBF=100K hours at 55°C.

WARRANTY:

90 day Limited Warranty statement. Warranty is void if protection seal is broken, unit show signs of tampering, or if determined that incorrect installation caused malfunction.

SUPPORT:

Web Site (English): <https://r1software.com/system/contact.php?language=english>

WARNING:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation.

