



AuroraTek PowerUP 3000UC, 2 kW, UltraCap, SSPS

AuroraTek introduces a Self-Sustainable Power Supply or SSPS called PowerUP 3000UC (using patent-pending SmartPAK / SFT technology). AuroraTek's SSPS is ideal for core business servers and mid-range network gear that are powered completely "off the grid!" Save time, save money and protect critical data and equipment from power problems by supplying clean and reliable network-grade power 24-7. Operate a network anywhere, even in remote locations.

If constantly upgrading computer equipment is a problem, AuroraTek's SSPS is the solution! The payback period for using AuroraTek's SSPS is less than 12 months. This represents a huge cost savings that completely justifies the purchase of AuroraTek's technology. Expected capacitor service life is indefinite – no downtime! Two year warranty on parts and labor from date of purchase.

Technical Specifications

Output

Output Power Capacity	2,000 Watts / 3,000 VA
Nominal Output Voltage	120 V _{AC}
Output Voltage Distortion	Less than 5%
Output Frequency	50/60 Hz +/- 3 Hz
Waveform Type	Sine Wave
Output Connections	(8) NEMA 5-15R

Internal Power Source

Capacitor Type	(1) 165 Farad 48 V _{DC} Super Capacitor module
Capacitor Life (years)	Indefinite

Communications & Management

Interface Port	USB
Control Panel	Multi-function LCD status and control console
Sync Port	Synchronize multiple SSPS's power output together

Surge Protection and Filtering

Surge energy rating	459 Joules
Filtering	Full time multi-pole noise filtering

Physical

Installation	Rack mount, 19" (482 mm) width, 8.7" (221 mm) height, 22" (559 mm) depth
Net weight	55 lbs (25 kg)

Environmental

Operating Environment	14° F to 122° F (-10° C to 50° C)
Operating Relative Humidity	0 – 95%

Typical Application

The following network diagram example shows (2) AuroraTek SSPS's supplying up to 4,000 Watts (6,000 VA) of power to (2) equipment racks containing:

1. (1) Router
2. (1) LCD Display
3. (1) Keyboard
4. (14) RAID Hard Drives
5. (1) Tape Drive
6. (6) 500 Watt Servers
7. (4) Patch Panels

