



RAPID, PORTABLE POWER DEPLOYABLE IN MINUTES



100% Self-Powered

- Get on-going power with a combination of proprietary bullet-resistant V5 solar panels, battery and power management system



Power Virtually Any Device

- Designed to power IoT and OTG (On The Go) devices such as cameras, weather sensors, agricultural sensors, network switches, communication devices, computing platforms, measuring instruments, aeronautical and marine equipment, remote emergency and data aggregation sensors, outdoor signage and more



Battery & Power Management

- Efficient power delivery with multiple integrated battery subsystems
- Optimized power delivery provides up to 20% longer battery lifecycle compared to traditional lead acid solutions
- Protection against over current, over voltage, under current, under voltage, short circuit and leakage



Truly Portable

- Compact form factor, weighing less than 25 lbs.
- Can be mounted outdoors on any standard pole



Ruggedized Enclosure

- Rated IP67
- Protection against solid objects
- Sealed tight from dust; capable of withstanding water immersion between 15 cm and 1 meter for 30 minutes



Superior Solar Power

- Absorbs power even in low light conditions caused by vegetation blockage, bird droppings, clouds, certain rainy and snowy conditions
- High power output allows V5 solar panels to deliver up to 2x the power in comparison to traditional solar panels
- Up to three times lighter in weight in comparison to traditional solar panels
- Patented bullet-resistant technology that prevents the panel from going out of operation if penetrated by a sharp object

V5 Portable Power Unit (V5 PPU)

OFF-THE-GRID POWER FOR VIRTUALLY ANY HARDWARE DEVICE

V5 Systems' Portable Power unit generates on-going power through advanced solar technology. It is contained within a lightweight, ruggedized enclosure for outdoor deployments. This advanced device can extend the operational time on any hardware device or be used as backup power.

BENEFITS:

Long Lasting

- Up to 20% longer battery life over traditional lead acid batteries

Fast Deployment

- Compact turnkey solution
- Effortless setup

Lower Expenses

- No trenching
- 2-year warranty included

Where to buy?
Visit our website:
www.v5systems.us

Questions?
sales@v5systems.us
1.844.604.7350

V5 PPU Unit Configurations

Part Number	Voltage	Capacity
VPPUN5V	5V	1.5KW
VPPUN12V	12V	1.5KW
VPPUN24V	24V	1.5KW
VPPUNPOE	48V(POE)	1.5KW
VPPUN2POE	2x POE	1.5KW
VPPUN5V12V	5V + 12V	1.5KW
VPPUN5V24V	5V + 24V	1.5KW
VPPUN5VPOE	5V + POE	1.5KW

Physical Specs

Enclosure.....IP67
 Dimensions.....12.5" L x 10.5" W x 8" D
 Weight.....23 lbs.
 Operating temperature.....0~70C
 Storage temperature.....-20~105C

Safety Features

Over Voltage Protection.....Yes
 Over Current Protection.....Yes
 Under Voltage Protection.....Yes
 Under Current Protection.....Yes
 Leakage and short circuit protection.....Yes
 Certifications.....UN 38.3

Solar Panel Options

Solar panel 1.0
 Power output.....Up to 85W
 Dimensions.....22.75" W x 38.5" L x 0.25" D
 Weight.....8.25 lbs.

Solar panel 2.0
 Power output.....Up to 174W
 Dimensions.....38.75" W x 42" L x 0.25" D
 Weight.....12.5 lbs.