

Micro Solar Power System

ventev®

Connect, Protect, and Enable™

Ventev's Micro Solar System kit is a complete, fully-integrated enclosure system that is pre-wired and pre-assembled for on-site installation of most low-powered radios requiring 12 VDC input, 15 W of battery power. These rugged systems include proven, long-lasting PSOC lead acid batteries and corrosion-resistant materials to provide many years of autonomous service in even the harshest environments.

Specifications

SKU	294169
Product Number	VSP1260001700
Solar Module	Single 50 W, 2.3 A, 17.3 VDC solar module. #10 THHN 15 ft. home run cable included. Module Size: 25.8 in. L x 21.1 in. W x 2 in. D
Module Mount	Side-of-pole mount. Fits 2.875 in. Sch 40 pipe
Battery Bank	12 V, 17.2 Ahr Yuasa sealed lead acid battery
Enclosure	12 H x 10 W x 6 in. D, NEMA 4X Polycarbonate Gray w/ Hinged Door. Includes Pad Lockable Latches and Moisture Vents (Pole Mounting Kit not included and purchased separately)
Power Rail	12 VDC 6.5 A Solar Charge Controller with Low Voltage Disconnect
System Wiring	All system wiring, grounding terminal, and hardware installed
Operational Temp Range	-25°C to +50°C (-13°F to +122°F)
System Weight	~40 lbs (18 Kgs)
Warranty	1 year limited
Material	14 gauge steel
Mounting	Wall or Pole

Accessories Sold Separately

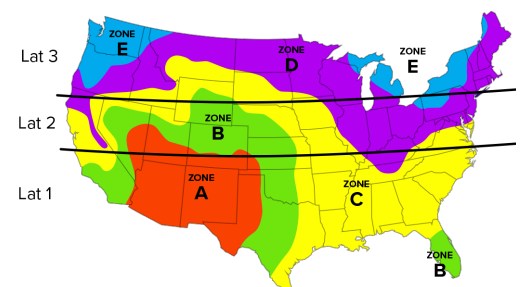
SKU 303580	Universal pole mount 15 in.
SKU 576422	1 in. diameter RJ45 compatible cable glands
SKU 344873	1 in. diameter hole plugs

NOTE: Solar systems are designed to provide enough power to support the known total system load for the location where the system is deployed and the reserve days of autonomy for inclement weather. Adding equipment or changing the location will negatively affect the system's reliability. enough power to support the known total system load for the location where the system is deployed and the reserve days of autonomy for inclement weather. Adding equipment or changing the location will negatively affect the system's reliability.



Features & Benefits

- Sized for 5 days of operation without recharge due to inclement weather
- Robust system made with reliable components
- Optimized PSOC battery technology ideal for daily charge/recharge cycles. Estimated battery life 3-5 years
- Pole and wall mountable
- Enables network designers to extend networks to remote location with NO power availability
- Cost-effective primary power source for remote wireless deployment
- Ships assembled and offers a simple Plug and Play on site reduces deployment time
- One system designed with ample capacity to power radios across most of the United States



For Deployment Zones A-D

The Ventev PoE+ Solar System is designed to provide primary power for common industry PoE and PoE+ access points only. System sizing is for deployment in zones A-D for one PoE device. Call Ventev for Zone E deployment or if your solution requires additional active equipment.