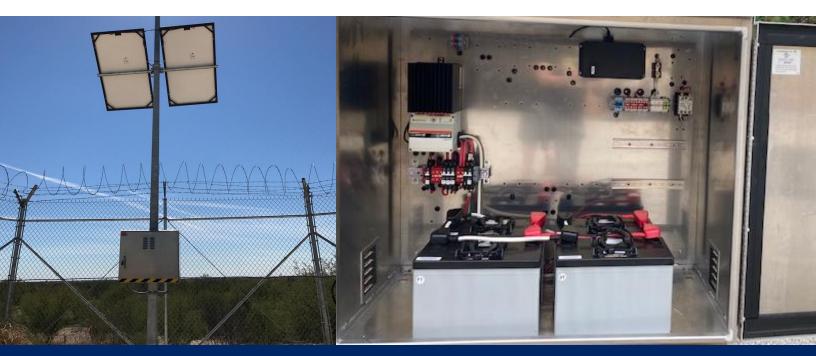
PPU-Max-Solar

The Perpetual Power Unit (PPU) provides the hardware and software components necessary for the rapid, secure, and reliable deployment of cameras and sensors in remote environments. The PPU is changing the way remote deployments are implemented. With a single cost-effective platform that provides power for cameras, sensor processing, secure communications, and long battery backup, deployment of a remote site is simplified, and the stability and reliability of operation is greatly improved. The PPU provides the resources necessary to implement sites consisting of a mix of equipment from many manufacturers. It has been the center point for years in installations around the world, protecting critical assets.

PPU-Max-Solar

- 12 VDC nominal system
- (4) 1.25kWh deep cycle AGM batteries
- (2) Solar Panels up to 700 Watts
- High quality multi-stage charge controller
- Optimized battery charging algorithm
- Low voltage disconnect protects batteries
- Output voltages: 12VDC, 48VDC Optional: 110VAC, 220VAC, 24VDC
- Real time data reporting (such as battery voltage, charge state, etc.)
- Real time event reporting (such as loss of expected site power, operational state, security and system events)
- Provides remote operator ability to reset powered devices (cameras, communications gear, etc.) without a physical roll to site
- Nema 3R purpose built vented aluminum enclosure with multiple mounting options
- Made in the USA



www.clearsitecom.com 941-921-7209 sales@clearsitecom.com



ClearSite Communications, Inc. 6004 Clark Center Ave. Sarasota, Florida 34238

PPU-Max-Solar

Specifications – PPU-Max-Solar

2 Solar Panels up to 700 Watts
12 and 48VDC
110VAC / 220VAC / 24VDC
40 Watts (based on location)
VRLA Sealed AGM Deep Cycle 12V
(4) 1.25kWh batteries in parallel
70 lb-in
60 Amps
3 Stage (Bulk, Absorption, Float)
Yes
Yes
Overload, Short Circuit, High Voltage
Yes
Yes
Yes
RJ45
Battery, DC In, PPC, Load
20 lb-in
22-8 AWG
12 mm
14 lb-in
Vented Aluminum NEMA 3R
40"x22"x33" (LxWxH)
365 Pounds
1/2 Inch & 3/4 Inch NPT
-20C to +50C
10% - 95% Non-Condensing
5 Port Hardened PoE Switch 4 30W / 1 SFP Port
6 Port Hardened PoE Switch 4 60W / 2 SFP Ports
11 Port Hardened Managed PoE Switch 4 30W /
4 60W / 3 SFP Ports
Hardened LTE Router – Managed by PPU –
Works with most major US carriers
Intelligent Lighting Control Module and Software
Tamper Switch / Magnetic
120VAC Inverter
Side of Pole Mount for 2 Solar Panels
Top of Pole Mount for 2 Solar Panels

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