VORP ENERGY

Integrator Spec Sheet

Solar-powered surveillance platforms for security systems integrators. Designed and manufactured in Rexburg, Idaho since 2011.

WHO THIS IS FOR

Built for integrators, not end users.

VORP designs and manufactures solar-powered surveillance trailers and skids that integrators spec into commercial, institutional, and government projects. The platform is camera- and VMS-agnostic so it slots into the stack you already sell — Milestone, Genetec, Avigilon, Axis, or any ONVIF-compliant environment.

We sell exclusively through integrator and direct channels. We do not go around our integrators to reach their clients. Your VMS, your monitoring relationship, and your RMR remain untouched.

THE PRODUCT FAMILY

Three form factors, one platform.

Solar Surveillance Trailer — Towable platform with off-road tires, torsion suspension, four corner jacks. Best for mobile law enforcement, construction sites, event security, and any deployment requiring frequent relocation.

Solar Surveillance Tower Skid — Forklift-portable, semi-permanent. Rated for 75 mph winds when properly deployed. Best for warehouses, storage yards, parking lots, and locations where mobility isn't required.

Micro Skid (MSK series) — Compact 4-camera platform with up to two weeks of autonomous battery backup. Available in grid-only, 400W, 800W, and 1200W solar configurations. Best for tight footprints and rapid temporary deployments.

Pole Mount Solar Power Kits — 100–800W solar power solutions for cameras, sensors, and wireless equipment installed on existing poles or structures. Includes weatherproof NEMA 4x enclosure, MPPT controller, and battery bank.

WHAT'S NOT INCLUDED

Honest disclosure.

VORP supplies the surveillance platform and power infrastructure. Cameras, poles, and communications equipment (wireless AP, point-to-point radio, cellular gateway/modem) are not included unless explicitly added to the quote. Most integrators prefer this — it lets you spec the cameras and comms gear your client has already standardized on.

PRODUCT FAMILY AT A GLANCE

Pick the form factor that fits the project.

	Trailer	Tower Skid	Micro Skid
Solar capacity	400–1,600W	400–1,600W	0–1,200W (4 variants)
Mast height	21 ft telescopic	21 ft telescopic	21 ft / 7 ft collapsed
Battery config	2–6 (SLA or LiFePO4)	2–6 (SLA or LiFePO4)	Up to 2 weeks runtime
Wind rating	TODO: confirm	75 mph (deployed)	Guy-line stabilization
Mobility	Towable, off-road tires	Forklift-portable	Compact, anchorable
Footprint	Trailer chassis	Heavy-duty skid	37" × 40" travel
Camera payload	Multi-camera PTZ	Multi-camera PTZ	Up to 4 cameras
Best for	Mobile / LE / events	Semi-permanent yards	Tight or temp sites

All form factors share the same MPPT charging system, Victron Cerbo GX, AC input range, operating temperature window, warranty terms, and drop-in replacement policy.

TRAILER DETAIL

Solar Surveillance Trailer — full feature list.

- 400 to 1,600 Watt monocrystalline solar array
- Battery bank: standard (2) 200Ah 12V SLA, expandable to 2–6 batteries (SLA or LiFePO4)
- 21 ft telescopic mast with manual winch
- DC-to-AC smart inverter package
- Solar charge controller and Victron Cerbo GX
- Versatile coiled power cables (CAT5e and 18-2)
- Ruggedized bedliner-textured steel frame
- Off-road tires and independent torsion suspension
- (4) stabilizing corner jacks
- Detachable trailer tongue
- Secure internal equipment storage
- Remote monitor and power cycle features
- AC charging port for staging or generator power

SHARED PLATFORM SPECS

Specs common across all form factors.

Solar charge technology	**MPPT with Victron Cerbo GX**
AC power input	**90–264 VAC auto-sensing**
Operating temperature	**–40°F to 140°F**
Build material	**Industrial powder-coated steel / bedliner finish**
Mast height (extended)	**21 ft telescopic**
Warranty	**5 years on chassis, mast, solar, and integrated power system**
Service guarantee	**Drop-in replacement for defective components, no cost, within warranty period**
Lead time	**2–4 weeks from purchase order to shipment**
Shipping	**FOB Rexburg, Idaho (broker network available)**
Made in	**Rexburg, Idaho — USA (since 2011)**

MICRO SKID VARIANTS

MSK series specifications.

	MSK-GRID	MSK-400W	MSK-800W	MSK-1200W
Solar config	None	(1) 400W panel	(2) 400W panels	(3) 400W panels
Total weight	~725 lbs	~780 lbs	~875 lbs	~950 lbs
Deployed footprint	40" × 46"	46" × 53"	87" × 57"	126" × 58"
Charging	Grid only	MPPT	MPPT	MPPT

Shared MSK specs: 37" × 40" travel footprint, 37" × 40" × 23" enclosure, 21 ft mast extended (7 ft collapsed), 45 lb max mast payload, 3 stabilized steel sections, industrial powder-coated steel.
Install note: Micro Skids must be anchored at designated points to counteract wind loads created when panels act as a wind trap.

COMPATIBILITY & INTEGRATION

Built to slot into your stack.

VMS compatibility	**Milestone, Genetec, Avigilon, Axis Camera Station, and other ONVIF-compatible platfo**
ONVIF profiles	**TODO: confirm Profile S / Profile T support with Dan**
Cellular carriers	**TODO: confirm AT&T / Verizon / T-Mobile / FirstNet support with Dan**
Camera mount	**PTZ + universal mount, climate-controlled enclosure optional (trailer)**
Voltage outputs	**24V, 48V, 56V PoE injectors; DC-to-DC voltage converters available**
Power assembly	**Relays, over-voltage protection, VDC terminal, 10" DIN rail**
Battery chemistry	**SLA or LiFePO4, customer choice**
Trailer towing class	**TODO: confirm with Dan**

WHAT YOU KEEP

Channel terms in plain English.

✓ We don't sell direct to your end client. Ever.

✓ You keep your VMS, your monitoring contract, and your RMR.

✓ Your pricing, your relationship, your margin — untouched.

✓ Co-branded collateral and white-label spec sheets available on request.

FIELD-PROVEN

Performance and durability data.

Alexandria, Louisiana PD: 28% reduction in incidents in deployed corridors, with documented retail theft apprehensions within weeks of deployment.

Deployment scale: Thousands of VORP solar power kits operating across the US, Canada, and Mexico. The first VORP solar power kit was installed over a decade ago and continues to run today without modification.

DEPLOYMENT & SERVICE

What happens after you place the order.

Lead time	**2–4 weeks from purchase order**
Manufacturing	**Built in-house in Rexburg, Idaho**
Shipping	**FOB Rexburg, ID — freight quoted at order**
Carrier flexibility	**Established broker network, or arrange your own**
Tech support	**Phone and email during business hours**
Remote diagnostics	**Onboard system monitoring, most issues resolved without truck roll**
Warranty service	**Drop-in replacement of defective components at no cost during warranty period**
Demo units	**Available for qualified integrators on request**
Financing	**Lease-to-own and net-30 terms via partners on approved POs**

CONTACT

Spec VORP into your next project.

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Quote turnaround in one business day. Spec sheet, availability, and integrator pricing on request.