ARMORLOGIX

HEAVY-DUTY SMART SOLAR TRAILER

SKU: AL4000

4x 400W
SOLAR PANELS

24 VDC
POWER

8x 200Ah
BATTERY BANK

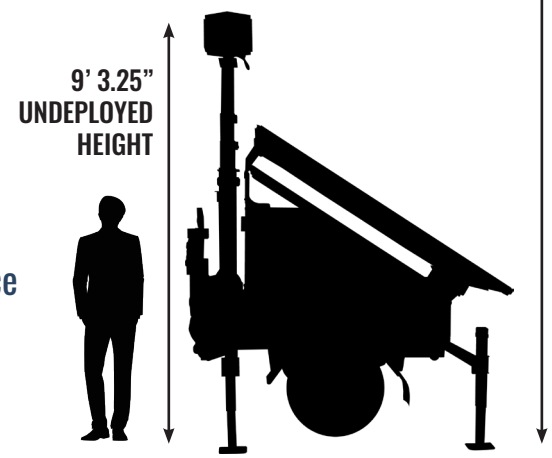
- 23’ 6” Max Height Deployed with Anchoring System
- 4x 400W Solar Panels (Adjustable for Storage & Travel)
- 8x 200Ah Batteries
- Remote Real-Time Power Overview with Smart Monitoring and Control
- Hyper efficient controller exceeding 98%
- Manual Winch for Raising and Lowering Mast
- Foldable and Lockable Tongue
- 4x Stabilizing Levers
- Heavy Duty Off Road Wheels

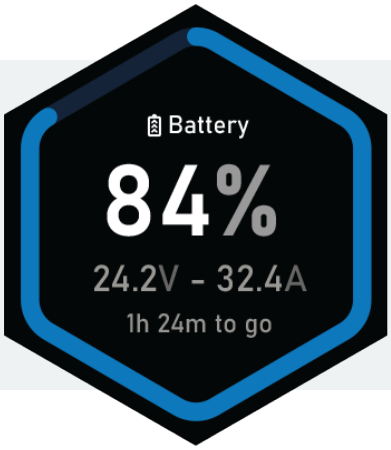
OVERVIEW

The AL4000 is our brand new massive Heavy-Duty Smart Solar Trailer DOT Approved (Department of Transportation) with our smart monitoring and control platform. Equipped with 4x 400W solar panels, 8x 200AH batteries deliver our smart monitoring and control platform enables a comprehensive remote real-time power overview with intelligent notifications if connected. With complete customization, get exactly what you need for any job with one of our surveillance, lighting, or remote connectivity packages.

OPTIONAL UPGRADES

- Surveillance
- Remote Connectivity
- Lighting & Deterrence
- Smart City





Reduce Costs with Real-Time Notifications

Whether you have one trailer or a fleet of trailers, being able to monitor each unit becomes critical. ArmorLogix helps save you operating costs by reducing the number of service visits checking up on your fleet. Receive vital system alerts on all aspects of your trailer ensuring that your solar panels are generating, batteries operational, and your equipment running at optimal capacity.

SPECIFICATIONS

Solar Panels	4 x 400W
Power from Solar	24VDC
Battery Bank	8 x 200Ah
Trailer Type	Single Axle
Tire & Rim Size	30" Heavy Duty Tire 15" Rim
Stabilizers	4 x Stabilizing Levelers
Drawbar	A-Frame
Tow Hitch	2" Ball
Mud Guard / Wheel Chocks	2 x Mud Guards and 4 x Chocks
Telescoping Mast Deployment	Manual
Telescoping Mast Safety Features	Cabling Winch / Mast Locking Pin

Max Wind Speed	62 mph
Wiring Harness	2x CAT6 & 4x 12 Gauge & 2 x 16 gauge
Max Deployed Height	23' 6"
Storage Size	6' 10.75" (W) x 7' 1.5" (L) x 9' 3.25" (H)
Height with Equipment Box	9' 3.25"
Height without Equipment Box	7' .375"
Width with Solar Panels Deployed	13' 6.5"
Length from Front Hitch to Back	11' 3"
Equipment Mounting Box Size	16" x 18.5" x 16.25"
Weight	Approx. 3200 lbs. (Not Including Optional Accessories)

OPTIONAL UPGRADES

Surveillance

Put eyes anywhere with one of our NDAA Compliant CCTV Surveillance packages, or add your own surveillance equipment. Be proactive about protecting your site by actively deterring intruders before a crime has been committed, simply by having visible camera surveillance on site. Packages can include PTZ cameras, 360° Fisheyes, and 180° Panoramic cameras. Pair with cellular connectivity for 24/7 remote access.

Remote Connectivity

Easily connect to any equipment installed on your ArmorLogix power station with cellular connectivity. Coverage is ensured via dual SIM slots for your choice of carrier (not included). Keep track of your investment by using the included optional GPS (free for the first year) from a PC or mobile. The OV4G also includes WiFi connectivity for remotely accessing equipment from nearby using a laptop or cellular device.

Active Deterrence & Lighting

When the sun goes down, safety and security become paramount for construction sites, parking lots, and events. Illuminate large sites providing passive deterrence while keeping employees, equipment, and visitors safe with full illumination. Actively deter trespassers and potential bad actors with Red / White / Blue LED strobes. Our solar platforms with integrated lighting packages, you're not just brightening your space – you're creating a safer, more secure environment.