Portable Solar Powered
LED Flood Light Cart (PFS-LED)

*Model PFS-LED

Applications

- Remote Site Lighting
- Temporary Lighting
- Military Base/FOB Lighting
- Construction Site Lighting
- Perimeter Security Lighting
- General Area/Security Lighting

Standard Features

- Maintenance Free Sealed AGM Batteries
- Dusk Until Dawn Operation & Manual ON/OFF
- Digital Battery Voltage Display
- Tool-Less Setup
- Various Colors Available
- 25 Year Limited Solar Panel Power Warranty
- Standard 5 Year System Warranty / 2 Year Battery Warranty

Benefits

- No Fossil Fuels Required – 100% Solar Powered
- No Noise- Completely Quiet Operation
- No Exhaust Fumes- Zero Carbon Footprint
- No Routine Maintenance Required
- No Special Skills Required to Operate

**Field Tested: Over 250 Model PFS-LED systems deployed in Afghanistan by the US Military.**

Illumination Pattern of One(1) Portable Solar Powered LED Flood Light Cart Shown Above

(Folded Position)

LED Technology

- Long Life LEDs up to 150,000 Hours of Operation (LM70)
- High Efficiency Lumens Per Watt LED Light Fixture Technology
- Standard Fixture- LED Floodlight with Adjustable Arm For Aiming
- Standard LED Fixture Lumen Output of 2400+ Lumens
- Light Color Temperature Standard – Cool White 5700K
- Minimum 70CRI Color Rendition

System Stand and Enclosure

- Welded Aluminum Construction, Powder Coated Finish
- System Solar Panel and Light Fixture Mast Fold for Portability
- Folds to ~6 ft., Extends to ~10 ft.
- Unit Comes Complete with Wheels- Never Flat Type Wheels

Solar Panels


Batteries

- Heavy Duty Internal Plate Design Sealed AGM Battery Technology, Typical 3-5 Day Battery Capacity
- Battery Hold-Down Straps Safely Secure Batteries Inside the System’s Power Center Enclosure

Standard System Controls & Functions

- Maximum Power Point Tracking (MPPT) Solar Battery Charging with Lighting Load Regulation and Circuit Protection Pre-Wired and Tested
- Automatic Dusk to Dawn Operation, External Manual ON/OFF Switch and Digital System Battery Voltage Display.
- Built-In System Circuit Protection

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