

Portable Solar Powered LED Floodlight

*Model PFS -Portable Floodlighting System

Applications

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

Standard Features

- Maintenance Free Sealed AGM Batteries
- Dusk Until Dawn Operation & Manual ON/OFF Switch
- Digital Battery Voltage Display
- Various Colors Available
- 25 Year Sliding Scale Solar Panel Power Warranty
- 5 Year System 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



High Output Adjustable LED Floodlight Fixture

High Efficiency Solar Panel

Power Unit with Sealed AGM Batteries, System Micro-Processor Controller, Manual ON/OFF Switch and Digital Battery Voltage

Portable Solar Powered LED Floodlight- Extended 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 2200 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 ~5.5 ft., Extends to ~9.5 ft.
- Unit Comes Complete with Wheels- Never Flat Type Wheels

Solar Panels

- High Efficiency Solar Panel Engineered For the System Installation Location Based on Solar Radiation Data, Light Fixture Wattage and Anticipated Light Run Time Operation Per Night

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



Portable Solar Powered LED Floodlight- Folded Position

Built For Easy Mobility!



Engineering & Building
Solar Powered Lighting
Solutions and Solar Power
Sources Since 1997.

©National Solar Technologies 2012

NST
National Solar Technologies
Plugging You Into the Sun and Wind

166 Taylor Rd. Buffalo, NY 14043
Ph: (800) 310-7413 or (716) 683-2505
Fax: (716) 683-8655
Web: www.nationalsolaronline.com
Email: pv@nationalsolaronline.com
GSA Contract GS07F-0108J
NYS OGS Contract PC64694