



**NATIONAL SOLAR**  
TECHNOLOGIES

# Portable Solar Powered LED Floodlight Cart

## STANDARD FEATURES

- High-efficiency LED luminaire
- Adjustable and rotatable LED floodlight
- Best in class solar electric power generation unit.
- Maintenance-free, AGM energy storage.
- Tool-less setup
- Never flat wheels
- Heavy duty handle for tilting back and moving unit around on extra wide rubber wheels
- Extends to 10', folds to 6'
- 3 days battery autonomy
- Beige finish (other finishes available)
- 25-year solar module power warranty
- 5-year system electronics warranty
- 2-year battery warranty
- Lifetime product support

## LED LUMINAIRES

- High-efficiency, long life LED technology with up to 150,000 hours of operation (20+ Years)
- Standard 25-Watt LED luminaire
- Standard 3000 Lumens
- Standard 5700K
- Standard 70CRI
- Luminaire style is floodlight
- Light distribution is 40° beam

## SOLAR MODULES

- Solar module power rating is engineered for the installation location based on solar radiation data, luminaire wattage, and luminaire run-time per night. NST uses data gathered by NASA for thousands of locations around the world which allows for pin-point accuracy when engineering/sizing our solar lighting systems.

## ENERGY STORAGE

- Batteries used in NST solar lighting systems are heavy-duty internal plate design, sealed, deep cycle, AGM battery technology.
- Standard 3-day battery autonomy

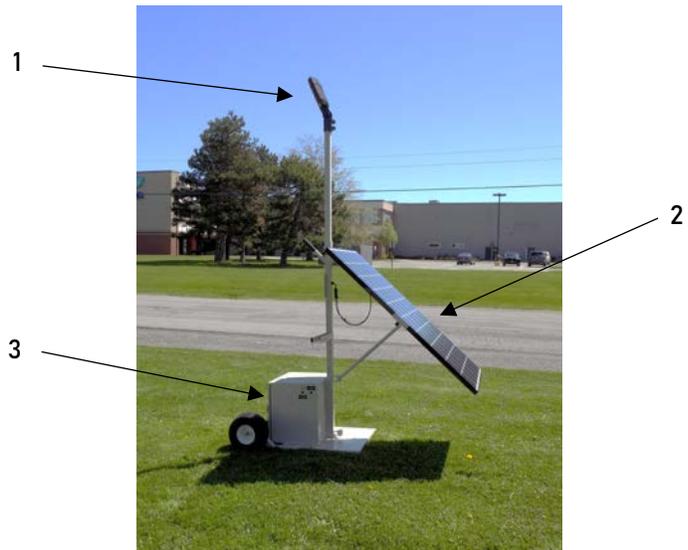
## SYSTEM CONTROLS

- MPPT solar charging regulation
- Automatic dusk to dawn operation or programmed timed ON/OFF operation
- Circuit breaker protection
- Manual ON/OFF switch included as well as automatic dusk to dawn operation.
- Digital battery voltage display included

Folded Position



Extended Position



1. Luminaire
2. Solar Module
3. Solar Power Unit Enclosure

## NST STANDARD SYSTEM MODEL

- Portable Solar Powered LED Floodlight Cart  
Item No. PFS-LED-25W-10-3A



PV Installation  
Professional

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