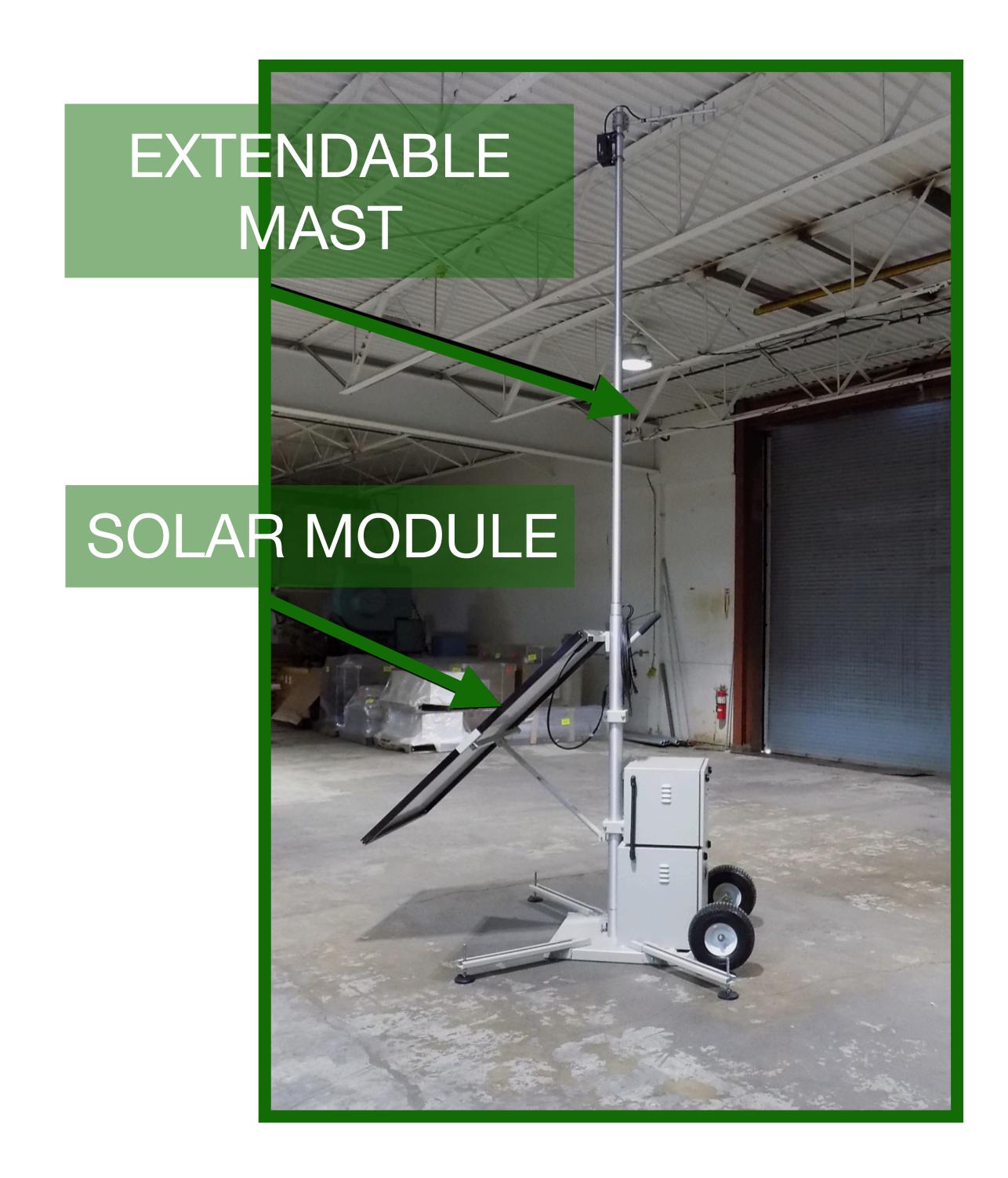# Portable Wireless Access Point Solar Cart

Standard Features

- 100% Solar Powered
- Extendable mast up to 20 ft.
- PoE power output
- Cat5e cable pre-connected to power unit
- Best in class solar electric power generation unit.
- Maintenance-free, AGM energy storage.
- Never flat wheels
- Heavy duty handle for tilting back and moving unit around on extra wide rubber wheels
- Outrigger supports
- Extends to 20', folds to 6'
- Minimum of 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

Power Over Ethernet Output

- PoE outputs available are 12VDC, 24VDC and 48VDC
- Standard base battery voltage output of 12VDC available without PoE.

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
- Circuit breaker protection
- External digital battery voltage display
- Lightning/surge protection

NST Standard System Model

- Portable Wireless Access Point Solar Cart (Single Enclosure)
Item No. PWAP-SEPS-02-20HD

- Portable Wireless Access Point Solar Cart (Dual Enclosures-Battery Expansion)
Item No. PWAP-SEPS-02-20HD-XL

EXTENDABLE MAST

SOLAR MODULE

OPTIONAL 2nd BATTERY

POWER UNIT ENCLOSURE