



# CAROUSEL TABLE WITH SOLAR PARASOL

The Pavilion is a classic, perforated metal, carousel furniture design that doubles as an off-grid solar powered charging station.

## OVERVIEW

- Highly reliable and flexible solar powered charging station
- Fully engineered, punched metal design, commercial grade structure
- Seating three to six
- ADA Accessible for 3, 4, or 5 seat options.
- Optimized system design includes high quality UL listed solar power components for safe and trouble-free performance.
- 4x 25W PV Solar Module Panels (100W) solar array and two (2) 5 amp-hour Lithium Iron Phosphate Batteries
- 3 Dual USB Chargers and a battery voltage meter
- True off-grid solar power that delivers dependable year-round charging power even in worst case weather conditions.
- 185 MPH wind-speed rated when bolted to concrete pad with four 1/2" x 3 3/4" stainless wedge anchors
- Low maintenance with a 10-20 year expected service life
- Average of 40 hand-held mobile device charges/day



USB Outlet and Battery Voltmeter



Table & Seating



Parasol

## BENEFITS

- A green symbol with tangible benefits for your community
- Provides off-grid charging power in a convenient and attractive way
- Provides continuous electronic device charging even during extended power outages
- Complements a wide range of landscapes and architectural aesthetics
- A green infrastructure problem solver for any outdoor public space; improves traffic flow and attracts positive interaction
- Connects users to the value of green power and your organization's concrete commitment to sustainability.

## DIMENSIONS AND MATERIALS: TABLETOPS & SEATS

- Seat Panel - 1/8" Punched Aluminum
- Solid Table top - 14 ga. spun stainless steel table top
- Seat support tubes: 2 1/2" sq. x 1/8" wall steel tubing
- Center Post: 4" sq. x 1/8" wall steel tubing
- Tabletop: 48" round

## POWDERCOAT FINISH

All products are steel shot blasted, phosphatized, preheated and then coated with a TGIC exterior rated powder in the color of your choice. All parts are finished to an average of 8 to 10 mil thickness and fully cured to the manufacturer's specifications.

- Gloss at 60°, ASTM D523-89: 80-90
- Pencil Hardness, ASTM D3363-92a: 2H
- Dir / Rev Impact, Gardner, ASTM D2794-93: Up to 160 in/lbs
- Flexibility, Mandrel, ASTM D522-93a: 1/4" dia., no fracture
- Durable, easy to clean surfaces

## TABLE & SEAT OPTIONS

- Backed seating
- Seating for round table (3-6 chairs)
- Tables are offered in surface and embedded mounts. Mounting options may vary based upon the style of the table.
- Wide range of steel powder coat colors: Onyx (Black); Pearl (White); Forest (Green); Cobalt (Dark Blue); Ivory (Ivory); Sterling (Silver); Slate (Dark Gray); Bronze (Brown); Brandywine (Burgundy).
- *Don't see your color? Ask us about custom colors available at additional prices.*

## PARASOL

- Wide range of steel powder coat colors
- Parasol can be painted independently, or same color as tabletop and seats.
- User logos or advertiser/sponsor branding option: We offer custom graphics with your logo that can be placed on the solar parasol. The logos require a solid panel (not perforated) and a vinyl decal.

## SOLAR CHARGING SYSTEM

- Solar array capacity: 100W
- 6 USB Charging Ports (3x Dual USB Chargers)
- Battery bank: Two (2) 5 Ah Lithium Iron Phosphate Batteries
- MPPT Charge controller
- Battery replacement cycle: five years/1000 cycles (typical)

## SOLAR PARASOL

- 1 1/2" Schedule 40 Steel Pipe, Center Pole
- 1/4" Steel Plate Mounting Bracket for table installation
- 1/16" Punched Aluminum Top Panels
- 1 x 1/4" Steel Flat Bar Supports
- Overall parasol height (high side): 96"
- Parasol head clearance height (low side): 81"

## SECURITY

- Robust ballast mount and anchoring system eliminates movement
- Heavy gauge steel components; inherently vandal-proof
- Tamper resistant hardware and fasteners

## WARRANTY

- One-year warranty on installation  
*Installer must submit evidence of a successful installation history with comparable materials and designs specified.*
- Limited one-year warranty on powder coating against defects in material or workmanship.
- Limited five-year warranty on stainless steel and galvanized products against defects in material or workmanship.
- Limited twenty-year warranty against structural failure of steel seat frames, steel seat assemblies, and table frames.
- Limited five-year warranty against structural failure of any aluminum panels, assemblies, frames, or components.
- Limited five-year warranty on solar panels against defects in material and workmanship, and twenty-five years on solar panel output.
- Limited five-year warranty on charge controller.
- Limited ten-year warranty against structural failure of steel upright post.

All umbrellas and associated products MUST be permanently mounted to a concrete slab. Sunbolt will not be held liable for any property damage or injuries as a result of product that is not anchored or properly installed.

## MAINTENANCE

- Sunbolt's carousel products have a UV resistant coating, designed to withstand the elements. However, cleaning is an integral part of maintaining the finish of the Products. The finish warranty for requires that regular cleaning be performed at least twice a year and four times a year for products directly exposed to high salt content environments and/or coastal and seashore areas.

- **Ask us about quantity discounts**
- **Financing available**