



CHARGING FORWARD.

With a structural steel frame, a concrete base, a marine grade polymer table top, and a 660W DC solar array, the Velocity delivers a value driven charging station without sacrificing any of the quality, durability, and the high power that have become synonymous with the Sunbolt brand.

OVERVIEW

- True off-grid solar power design that delivers dependable year-round charging power, even in worst case weather conditions
- Charges 75-100 mobile devices per day (typical use)
- Supports mobile phones, tablets, laptops, cameras, and other portable devices
- Brilliant, non-glare LED lighting system for nighttime use
- Architectural design with a fully engineered commercial grade structure
- Optimized system design includes high-quality UL listed solar power components for safe and trouble-free performance
- Hardened for public use and low maintenance
- The structure has a minimum service life of 30 years
- ADA compliant design — seats four to eight comfortably



Two 120 Volt and Four USB Outlets



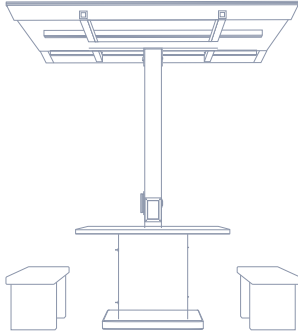
ADA Compliant



Marine-Grade Polymer Table Top

BENEFITS

- Reduces carbon footprint
- A high visibility green symbol with tangible benefits for your community
- Provides off-grid electronic device power in a convenient and attractive way
- Provides continuous electronic device charging even during extended grid 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

- Canopy height (high side): 7'5"
- Canopy head clearance height (low side): 6'8"
- Bench seat size & footprint (1): 4'6" W x 1'2" L
- Table top: 4'6" W x 3'7" L
- Table footprint (base without benches): 2'7" W x 2'4" L
- Canopy: 6'5" W x 6'6" L

STRUCTURE

- 100% powder coated structural steel
 - ASTM A-500 Grade B structural steel: vertical tube and solar canopy supporting tube; thickness: 3/16
- Marine-grade polymer table top
- Architectural cast concrete base
- Durable, industrial strength construction
- Stain resistant & easy to clean surfaces
- Seats four to eight comfortably
- Total weight: 1,500 lbs (additional 400+lbs per bench)

SECURITY

- Robust ballast mount system maximizes safety and stability
- Additional "anti-vandal" surface attachment options
- Robust, heavy gauge steel components; inherently vandal-proof
- Tamper resistant hardware and fasteners

MONITORING & METERING

- User monitoring/meter: Morningstar Remote Meter-2

OPTIONS

- User logos, graphics or advertiser/sponsor branding

SOLAR POWER SYSTEM

- Solar array capacity: 660W DC
- Autonomy: three days
- Depth of discharge: 40%
- Two standard 120V AC receptacles
- Four high-speed USB charging ports
- Battery bank: 210 amp-hour sealed AGM valve regulated lead acid (VRLA)
- Battery bank voltage: 12V DC
- Battery replacement cycle: five years/1000 cycles (typical)
- Daily energy production 2,508Wh¹
- Inverter: Morningstar SureSine300
- Charge controller: Morningstar Prostar PS-30M
- P.E. designed, NEC Section 250 code compliant, off-grid solar PV and user outlet power system

WARRANTY

- One year warranty on installation
- Twenty-five year warranty on solar panel power output
- Individual component warranties

- Ask us about quantity discounts
- Sunbolt qualifies for a 30% Federal Business Energy Investment Tax Credit (ITC) for tax paying individuals^{3,4}
- Sunbolt qualifies for Federal MACR accelerated depreciation for a tax paying business entity⁵
- Financing available

1. PV Array Daily Energy Production with average irradiance for Philadelphia, PA in June (with 1000 watt solar panel capacity)
2. Additional fixed power loads requires 2nd battery; additional loads can limit device charging power availability
3. Consultation with a tax advisor recommended.
4. http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US02F
5. http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US06F