



## SOLAR. WORK. STATION.

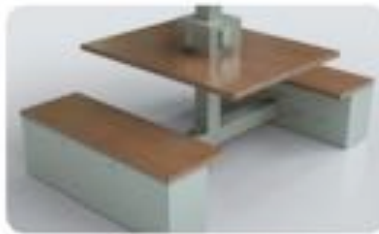
The CampusXL is a fully engineered true off-grid solar powered charging station integrated into an innovative 3/16" structural steel package. With the highest solar power capacity of any charging station on the market — this workstation is extremely robust and resilient to all weather conditions.

### OVERVIEW

- A highly reliable, long endurance solar powered charging station
- A powerful 1kW DC solar array and 225 amp hour gel cell battery
- Architectural design, and a fully engineered commercial grade structure
- Supports up to 75-150 hand held mobile device charges/day (typical use)
- Supports charging for tablets, laptops, cameras, and other electronic devices
- Attractive non-glare LED table top lighting system for nighttime use
- ADA compliant design
- True off-grid solar power design that delivers dependable year round charging power even in worst case weather conditions
- Optimized system design includes high quality UL listed solar power components for safe and trouble-free performance
- 90mph wind speed rated self-ballasted structural steel construction
- Low maintenance with a ten to twenty year expected service life
- Seats four comfortably with room for additional seating



120 Volt and USB Outlets



ADA Compliant



Powerful Solar Array

### 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): 7'3"
- Canopy head clearance height (low side): 6'8"
- Bench seat size & footprint (1): 4'6" W x 12" L
- Table top: 4'6" W x 37" L
- Table footprint (base without benches): 27" W x 24" 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 2,508Wh<sup>1</sup>
- 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