

EXHIBIT B – SOLAR CHARGING STATION EQUIPMENT SPECIFICATIONS

DEPARTMENT OF HAWAIIAN HOME LANDS

RFP-26-HHL-012: Solar Charging Work Stations Installation

The equipment to be installed has already been selected by the State and is not part of this procurement. This solicitation is limited to the transportation, site preparation, installation, anchoring, testing, commissioning and warranty of the specified equipment in accordance with the Equipment Specifications of this RFP.

Offerors shall submit an Installation Work Plan in accordance with the Technical Specifications contained in Exhibit A and Exhibit B of this RFP.

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CONSTRUCTION AND DURABILITY REQUIREMENTS

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
Heavy-duty, weather-resistant materials designed for Hawaii climate	See Comment 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Manufacturer specs, material certifications
Salt spray and coastal corrosion resistance	See Comment 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrosion resistance test documentation
All metals components composed of marine-grade aluminum or stainless steel components	See Comment 1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Material specifications and certifications
Operating temperature: 32°F to 120°F (-0°C to 49°C)	See Comment 2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Environmental operating specifications
Humidity resistance: Up to 95% RH non-condensing	See Comment 2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Humidity resistance test results

ADA ACCESSIBILITY REQUIREMENTS

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
ADA guidelines and Hawaii Accessibility Code compliance		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADA compliance certification
Min. 1 wheelchair space per station (preference: 2 spaces)	Two Spaces Standard	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Dimensional drawings, accessibility plans See Momentun Dimensions

WORKSPACE AND SEATING REQUIREMENTS

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
Seating for minimum 4 users per station	4 Spaces Standard 6 Spaces optional	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Seating layout and capacity drawings See Momentun Dimensions
Integrated tabletop workspace per station	Table top is constructed utilizing structural concrete	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Workspace design specifications See Momentun Dimensions
Tabletop minimum 4'-6" x 3'-7" with weather-resistant surface	Table top is constructed utilizing structural concrete	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Dimensional specs and material properties See Momentun Dimensions

CHARGING CAPABILITIES

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
Min. 4 GFCI-protected 120V outlets per station	6 120V GFI Protected Outlets	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Electrical specifications and GFCI documentation See GFI Spec Sheet
Min. 4 USB-A ports per station (2.4A output each)	6 @ 36W Max Provided	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	USB-A port specifications and output ratings See USB Outlet Spec sheet
Min. 4 USB-C ports per station (18W PD output each)	6 @ 60 Watt Provided Plus 2 Qi wireless charging ports	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	USB-C PD specifications and power delivery See USB Outlet and Qi wireless Charging Spec sheet.
Individual circuit breakers or fuses for all outlets	See Momentum Electric Schmetic	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Circuit protection details and electrical drawings

SOLAR POWER SYSTEM

Requirement	MANDATORY	Meets Spec (Y/N)	Actual Specification	Supporting Documentation
Solar array: 700-900W per station (higher only if cost-neutral)	See MONO 340 MBB Half Cell Module JAM 60S10 320-340/MR Spec Sheet. 4 panels provided	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1,400 watts per station	Solar panel specifications and performance data
LiFePO4 or quality lead-acid battery system	See attached Renogy Specifications. 2 Batteries wired in series	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Battery type: Renogy AGM Battery 12 V 100 AH 2 Batteries	Battery technology specifications
Battery capacity: 1.0-1.5 kWh usable per station	See attached Renogy spec sheet 2 Batteries wired in series	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.4 kWh per station	Battery capacity specifications
Battery Management System (BMS) with protection	Victron MPPT 100/50	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMS features: Adaptive 3 Stage. See page 7 of Victron MPPT Solar Charger Manual	BMS documentation and safety features
Charge min. 50 smartphones (3,000 mAh each) per cycle	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Est. devices: 75-100 per day	Performance calculations and testing
2+ consecutive cloudy day operation capability		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4 days capacity	Performance analysis and modeling
MPPT solar charge controller included	Victron MPPT 100/50	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Controller model: Victron MPPT 100/50	MPPT controller specifications See Victron MPPT Solar Charger Manual

SHADE STRUCTURE

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
Overhead canopy minimum 6'-5" W x 6'-6" L per station	13' 7" x 6' 11" Provided	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Canopy dimensions and structural drawings See MOMENTUM DIMENSIONS
Minimum 6'-8" clearance height at lowest point of overhead canopy	7' 1" (solar array horizontal)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Height specifications and clearance drawings
Maximum 7'-6" clearance height at highest point of overhead canopy	7' 6" (solar array horizontal)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Height specifications and clearance drawings See MOMENTUM DIMENSIONS
Heavy-duty, weather-resistant materials designed to withstand salt spray, high winds, heavy rain, and intense UV exposure with minimal upkeep		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Material specifications See comment 1
All metal components shall be marine-grade aluminum or stainless steel with appropriate corrosion protection coatings	See comment 1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Material specifications See comment 1
Withstands 170 mph sustained winds (all 7 stations)	The Momentum withstands windloads of 160 MPH utilizing its own ballast with a safety factor of 1.5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Engineering certification, wind load analysis. See Attached Momentum Windload Calcs
Bench seat size and footprint: Minimum 4'-6" W x 1'-2" L	Benches are constructed utilizing structure concrete	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Bench dimensions and structural drawings See MOMENTUM DIMENSIONS
Table top: Minimum 4'-6" W x 3'-7" L	Tabletops are constructed utilizing structural concrete	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Table top dimensions and structural drawings See MOMENTUM DIMENSIONS

SECURITY FEATURES

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
Self-ballasted system (170 mph wind resistance)	The Momentum withstands windloads of 160 MPH utilizing its own ballast with a safety factor of 1.5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anchoring specifications and wind analysis See Attached Momentum Windload Calcs. With anchoring windload will exceed 160 MPH with a safety factor of 1.5
Lockable electrical compartments with tamper resistance	Access doors are locked with a key. All exposed fasteners are tamper proof button head cap screws	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Security features and locking mechanisms
GPS tracking (may be included if cost-effective)	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	GPS tracking system specifications

SMART CONTROLS AND EIT ACCESSIBILITY

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
Programmable timer system (business hours control)	Victron MPPT 100/50 programable using the Victron AP on a smart phone (Via Blue tooth)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Timer/control system specifications See Victron MPPT Solar Charger Manual
LED status indicators for operational status	LED statust indicator with voltage readout	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Status indicator specifications

Remote monitoring (may be included if cost-effective)	Victron MPPT 100/50 programable using the Victron AP on a smart phone (Via Blue tooth)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Remote monitoring system specifications See Victron MPPT Solar Charger Manual
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WARRANTY REQUIREMENTS

Requirement	MANDATORY	Meets Spec (Y/N)	Actual Warranty	Supporting Documentation
Min. 2-year comprehensive warranty (materials)	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2 (Two) years	Comprehensive warranty documentation
Min. 3-year solar panels and battery system warranty	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3 years Battery Warranty 25 Year solar panel warranty	Extended warranty terms
Min. 5-year structural warranty	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	_____ years	Structural warranty documentation
Emergency contact for system failures during warranty period	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Emergency contact plan	Emergency response procedures
Component replacement for defective parts during warranty	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Warranty terms
Technical support contact information and response procedures	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Manufacturer technical support product information and
Parts availability guarantee for warranty repairs	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Warranty terms

INDUSTRY STANDARDS AND QUALITY

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
Standard commercial solar stations preferred over custom fabrication	Sunbolt is the manufacturer. The Momentum is a standard workstation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Commercial product documentation See Sunbolt Momentum Specifications and Installation Manual
Quality equivalent to Steelcase, Landscape Forms, or similar	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Quality certifications and comparisons
All electrical components UL listed for outdoor use	UL or CSA Certification CSA is equivalent or exceeds UL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	UL listing documentation for all components See component specifications
Cost-effectiveness prioritized - no over-specification	All features are Standard	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Cost justification for premium features
2021 IBC Building Code Compliance with Hawaii amendments	The Sunbolt Momentum is classified as Outdoor Furniture	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Commercial product documentation

FEDERAL COMPLIANCE REQUIREMENTS

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
NTIA TBCP Grant compliance (Award NT23TBC0290054)	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Federal grant compliance certification
Equal Employment Opportunity compliance (Executive Order 11246)	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	EEO compliance certification
Clean Air Act compliance	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Environmental compliance certification
Federal Water Pollution Control Act compliance	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Water protection compliance documentation
Buy American preferences for materials and equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Buy American compliance documentation
Debarment/Suspension verification (SAM.gov exclusions)	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	SAM registration and exclusion verification
Anti-lobbying compliance (Byrd Amendment)	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Anti-lobbying certification

ACCESSIBILITY CONFORMANCE REPORTING

Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
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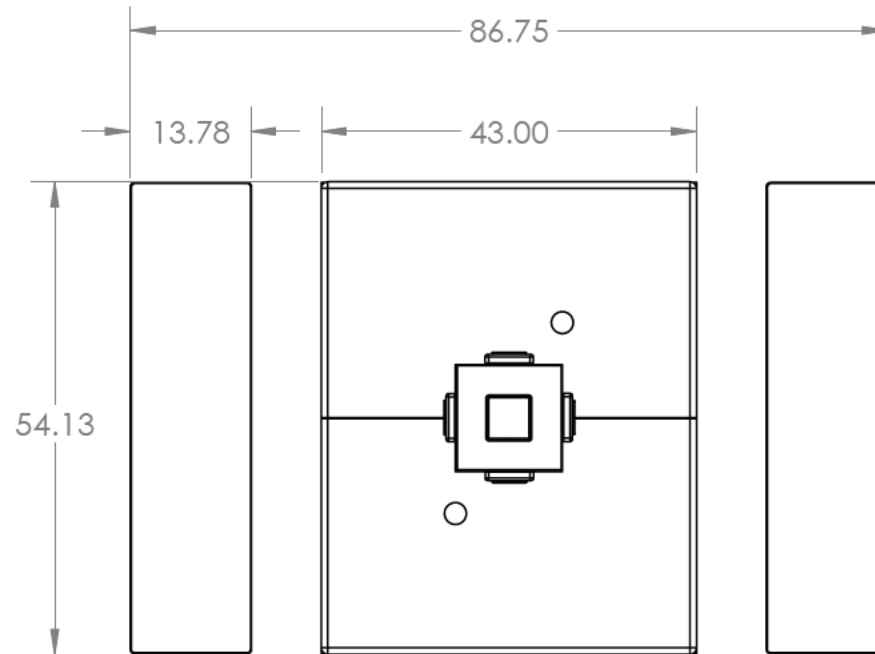
Hawaii EIT Disability Access Standards compliance	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	EIT accessibility compliance certification
Section 508 and WCAG 2.1 Level AA compliance	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Section 508/WCAG compliance documentation
Accessibility Conformance Report (ACR) for electronic components	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Complete ACR for digital interfaces/controls

COST AND BUDGET COMPLIANCE

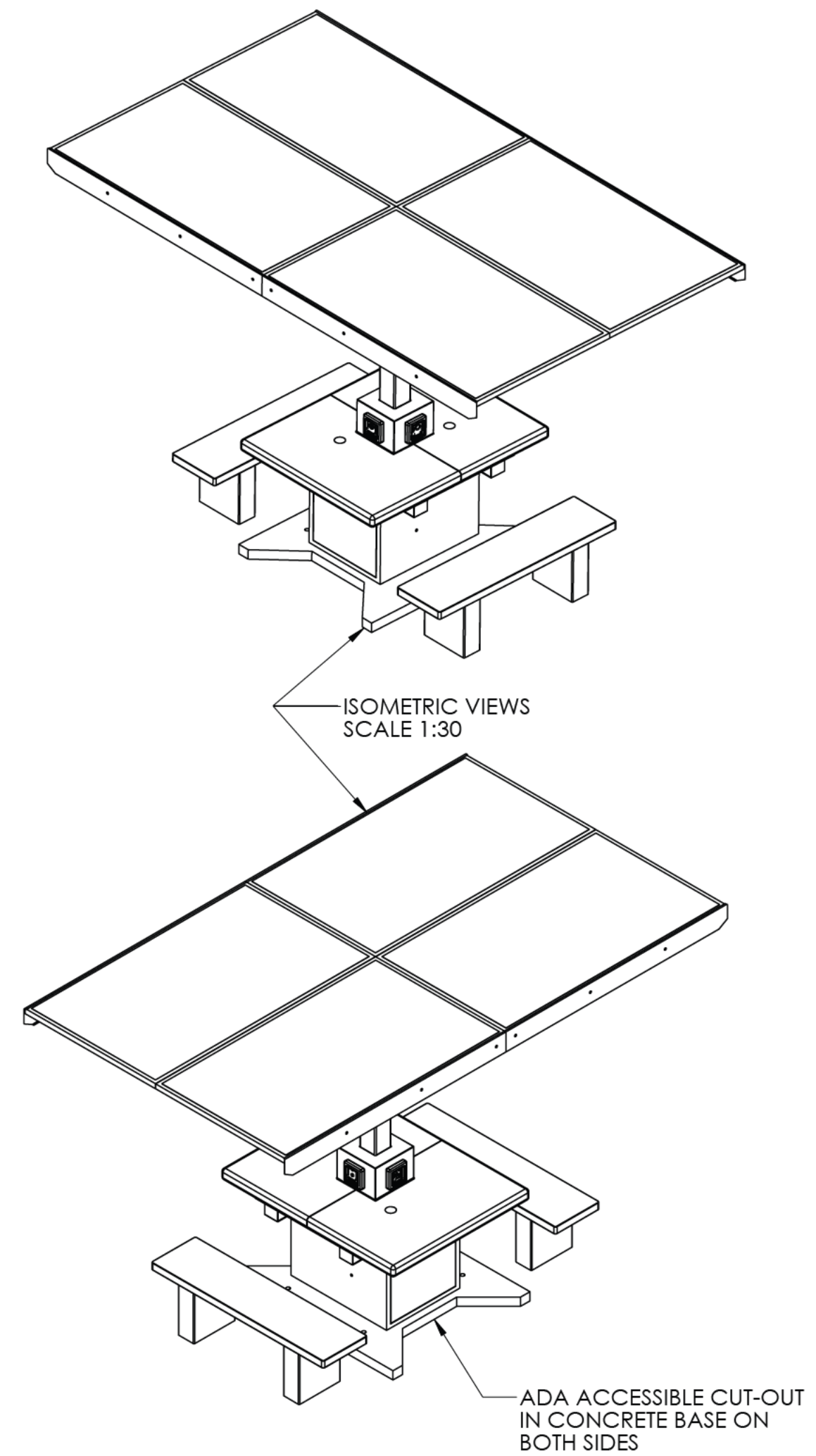
Requirement	MANDATORY	Meets Spec (Y/N)	Supporting Documentation
Total project cost within \$224,000.00 budget ceiling	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Detailed cost breakdown and budget analysis
Cost-effectiveness demonstration (no unnecessary over-specification)	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Cost justification for all features and specifications

NOTES:

1. THE INSTALLATION PROCEDURE FOR THIS PRODUCT IS TO BE COMPLETED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
2. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS, AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION.
3. ALL INFORMATION CONTAINED HERIN WAS CURRENT AT THE TIME OF DEVELOPMENT, BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
4. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION, VISIT WWW.GOSUNBOLT.COM.

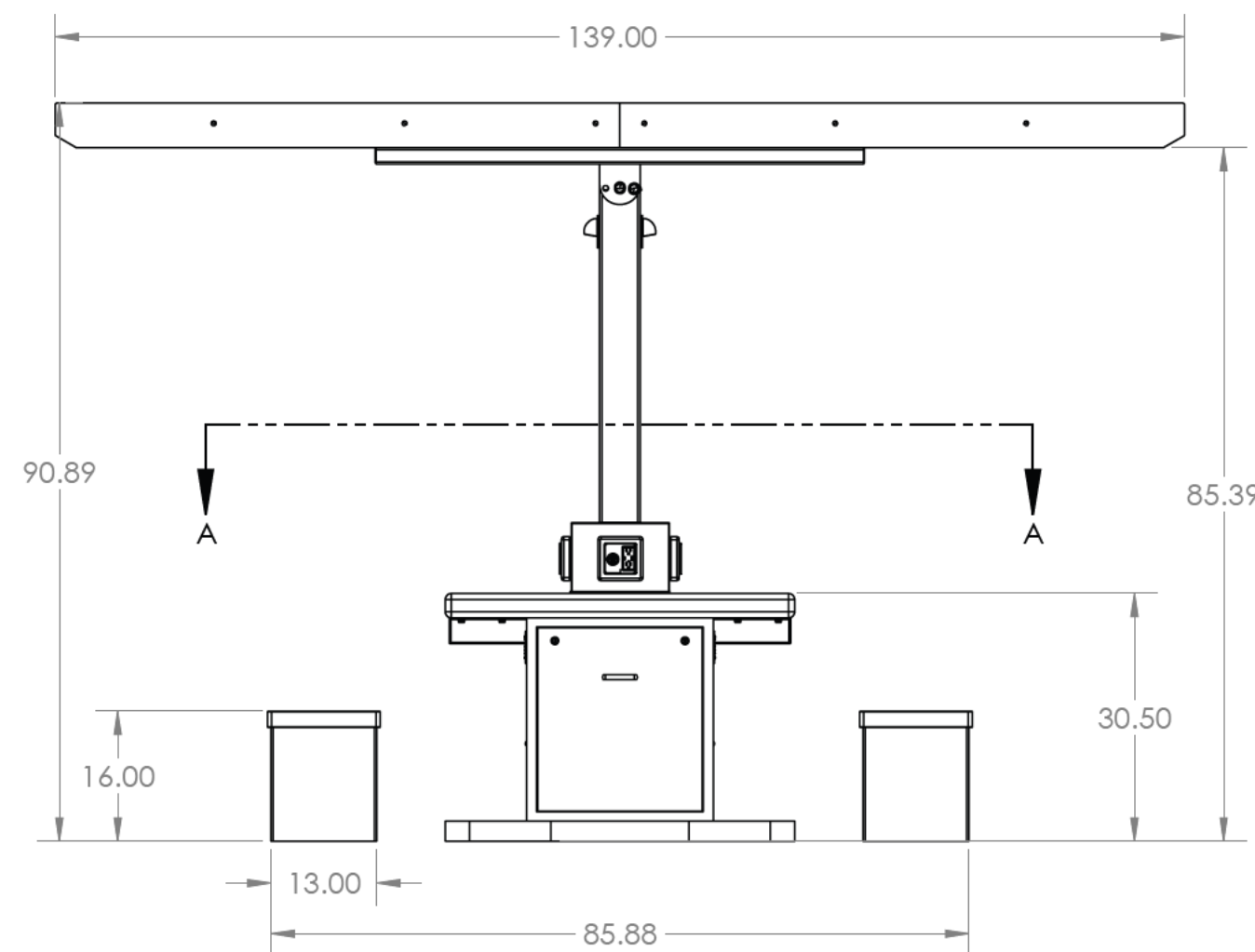
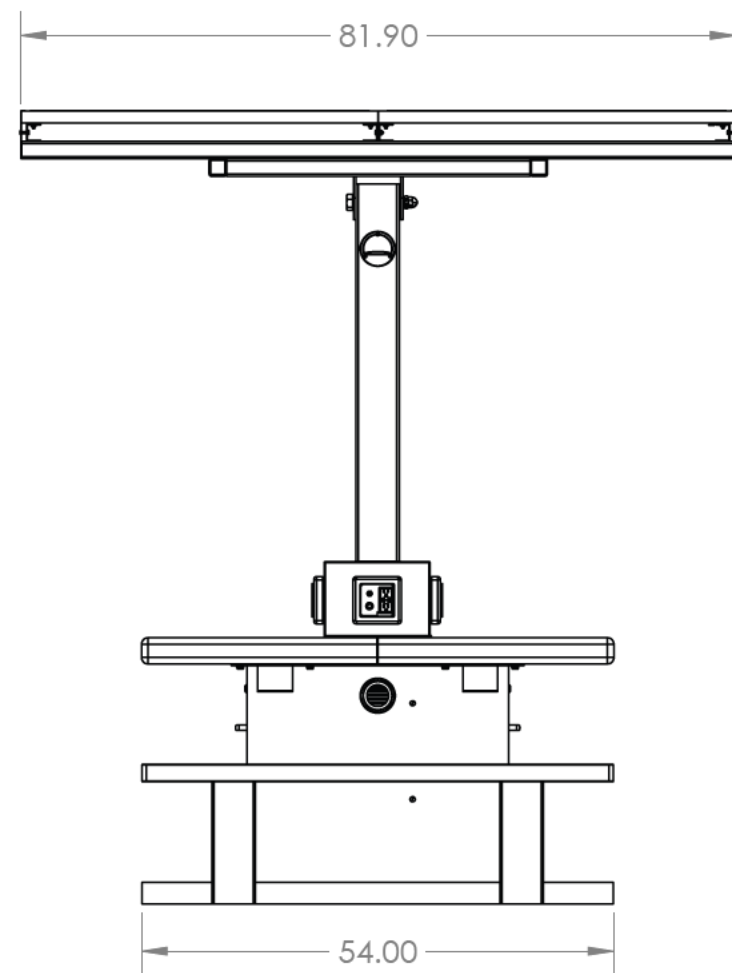


SECTION A-A
SCALE 1:22



ISOMETRIC VIEWS
SCALE 1:30

ADA ACCESSIBLE CUT-OUT
IN CONCRETE BASE ON
BOTH SIDES



<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SUNBOLT®. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SUNBOLT® IS PROHIBITED.</p>	<p>SUNBOLT</p> <p>725 COUNTY LINE RD. UNIT H, HUNTINGDON VALLEY, PA</p>	
	<p>DESCRIPTION:</p> <p>MOMENTUM DIMENSIONS</p>	
<p>3RD ANGLE PROJECTION</p>	<p>SIZE C</p>	<p>PART/ASSEMBLY NUMBER</p>
<p>DO NOT SCALE DRAWING</p>	<p>SCALE: 1:22</p>	<p>WEIGHT: 2213 LBS</p>
		<p>REV.</p>
		<p>SHEET 1 OF 1</p>

Comment 1: Momentum Finishes

Our Momentum is constructed from Structural commercial steel per spec on page 3 of the Sunbolt Momentum Specifications. All steel components are Powder coated to AAMA standard 2604. This standard, 2604, is super durable powder coating. This finish has been tested to exceed 1,000 hours of salt spray. Table tops, base and bench tops are structural concrete with a clear penetrating, non-visible, water repellent sealer. Two coats applied to provide protection against the elements.

Comment 2: Component Temperature Specifications (See individual data sheets)

Component	Environmental Specifications.
Renogy Deep Cycle AGM Battery 12 Volt 100AH	0°C to 50°C (32°F to 122°F) 100% RH
Victron MPPT 100/50	-20°C to 60°C (-4°F to 140°F) 98% RH
Victron Inverter VE Direct	-20°C to 60°C (-4°F to 140°F) 98% RH
Harvest of suns solar panel	-40°C to 85°C (-40°F to 185°F) 100% RH
Light, LEON Lite	-20°C to 45°C (-4°F to 113°F) 100% RH
Timer Micro 5V Power supply	-40°C to 80°C (-40°F to 176°F) 100% RH
USB Outlets	-40°C to 80°C (-40°F to 176°F) 100% RH

Sunbolt Momentum specifications

Sunbolt Momentum Installation Manual

Sunbolt Momentum Electrical Schematic

Sunbolt Momentum Electrical PDP specs

Sunbolt Momentum Dimensions

The Kachele Group Wind Load Calculations

Victron MPPT 100/50 Charger Datasheet

Victron Inverter 24/500 Datasheet

Victron Cerbo GX Datasheet

JA Solar Mono 340W MBB Half-Cell Module Datasheet

Renogy Deep Cycle AGM Battery 12V 100AH Specifications

5 Volt Light timer Specifications

LeonLite Deck and Step Lighting Specifications

GFCI specifications

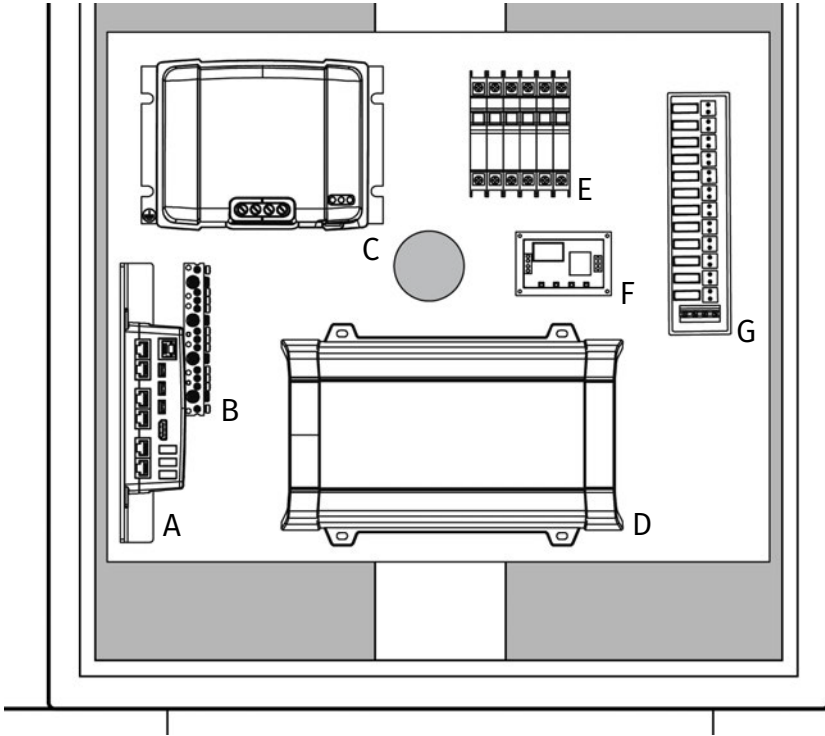
Hubbel 15A 120v dual outlet with USB A and USB C specifications

USB outlet Specifications

ScanStrut ROKK Waterproof Charger Technical Data Sheet

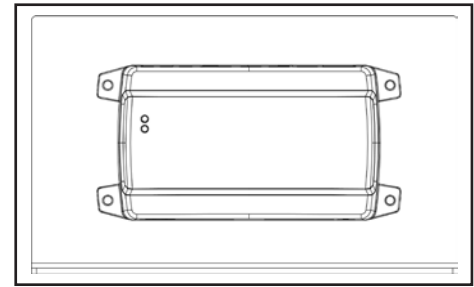
DalerTek Battery Voltage Meter

Momentum Electrical Specifications

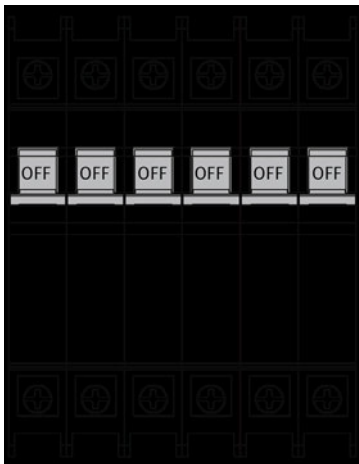


East Cabinet Guide:

- A.) Cerbo GX
- B.) Grounding Bar
- C.) Charge Controller
- D.) Inverter
- E.) Circuit Breakers
- F.) Timer
- G.) Fuses

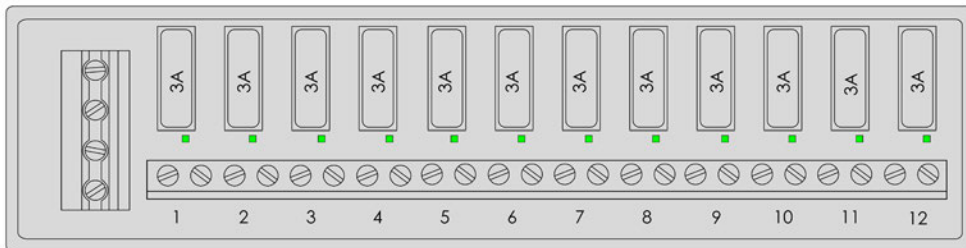


Close-up of the Cerbo GX (A).



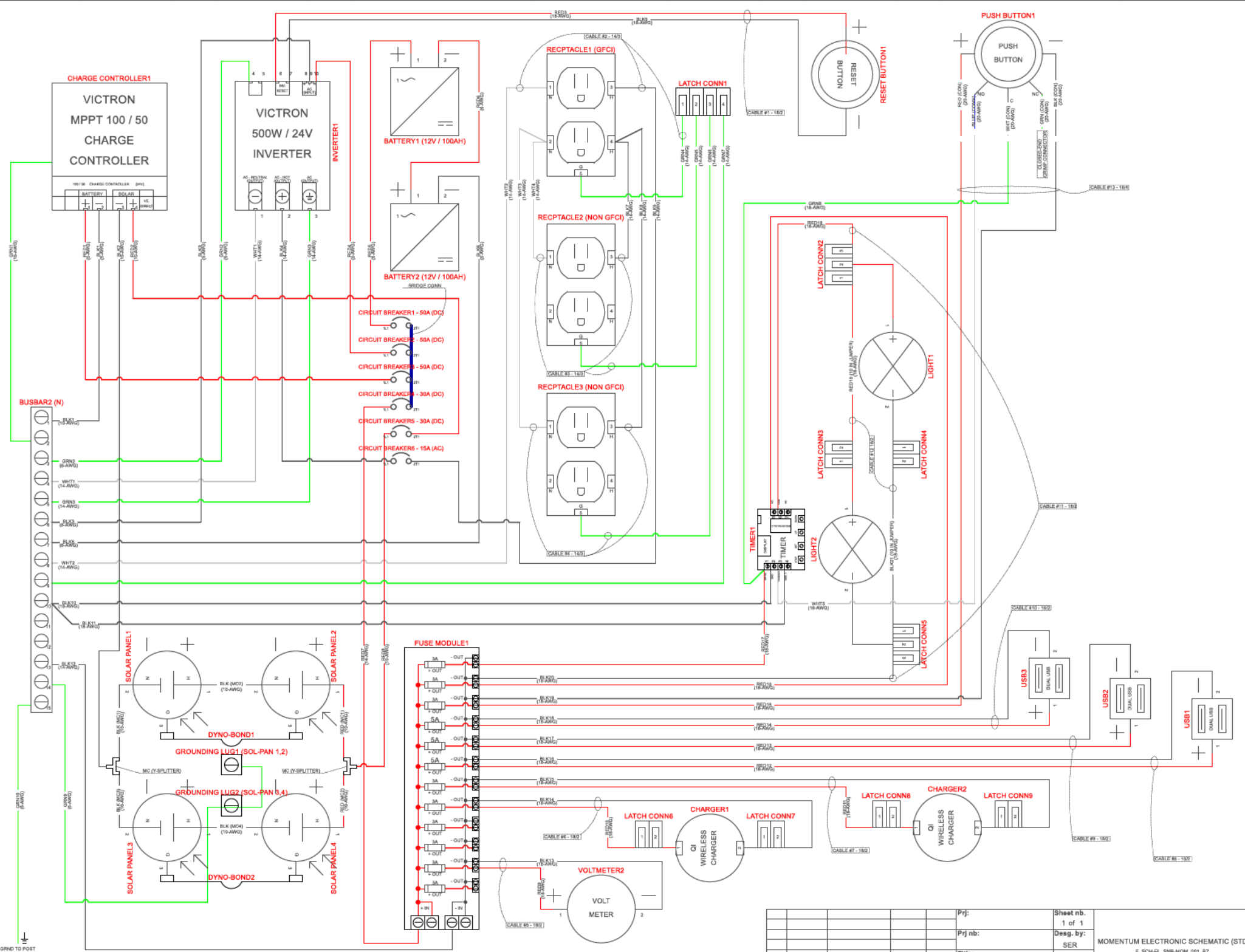
Circuit Breaker Guide (E):

- 1.) Battery Input
- 2.) Charge Controller
- 3.) Inverter
- 4.) Load Output
- 5.) Solar Panel
- 6.) AC Output

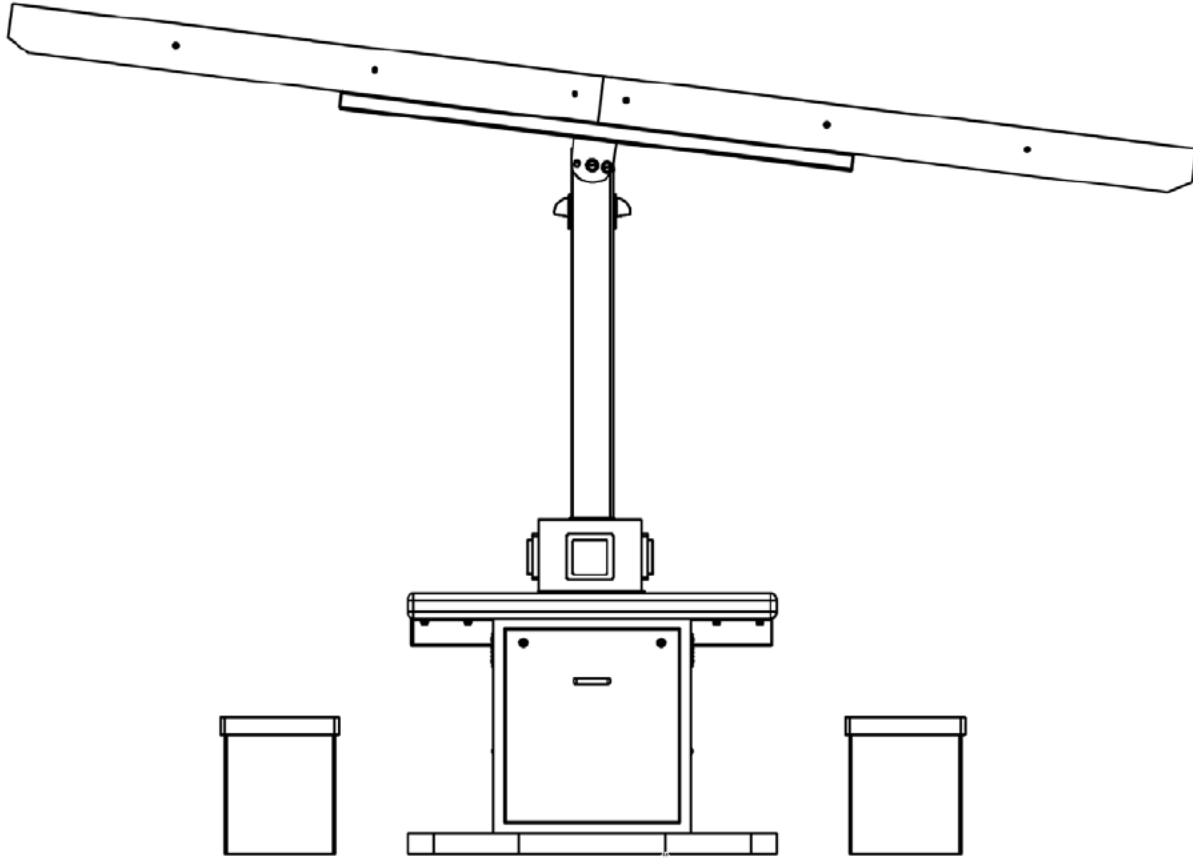


Fuse Guide (G):

- | | | |
|--------------------|--------------------------------|--------------------------------|
| 1.) Power to USB 1 | 5.) Power to Timer | 9.) Power to Wireless Charger |
| 2.) Power to USB 2 | 6.) Power to Light Push Button | 10.) Power to Wireless Charger |
| 3.) Power to USB 3 | 7.) Power to Light | 11.) Power to Cerbo |
| 4.) Power to USB 4 | 8.) Power to Voltmeter | 12.) Spare Fuse |



Prj:		Sheet nb:	1 of 1
Prj nb:		Desg. by:	SER
Rev.	Date	Description	Appd. by
8	2/15/2024		Open
Title:		MOMENTUM ELECTRONIC SCHEMATIC (STD.)	
		F_SCH48_SNB-MOM_001_R7	



Momentum Specifications



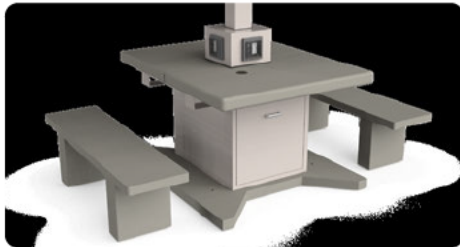
FRESH AIR. FRESH IDEAS. NO BOUNDARIES.

Designed with a 3/1 solar harvest to output power ratio for optimal battery recharging and autonomy. With a sleek and modern aesthetic, this powerful outdoor workstation is built to last and will upgrade any outdoor environment.

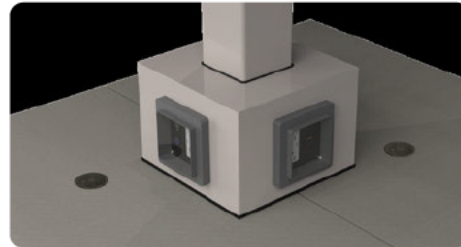
OVERVIEW

- Highest solar power capacity of any solar workstation
- True off-grid solar power design that delivers dependable year-round charging power, even in worst case weather conditions
- Charges 75-150 mobile devices per day (typical use)
- Supports charging for tablets, laptops, cameras, and other electronic devices
- Brilliant, non-glare LED lighting system for nighttime use
- Built in remote monitoring for tracking and management of system data
- Hardened for public use and low maintenance
- Architectural design with a fully engineered commercial grade structure
- Optimized system design includes high-quality UL/CSA listed electric components for safe and trouble-free performance
- The structure has a minimum service life of 30 years
- ADA accessible seating — seats four (4) to eight (8) comfortably

FEATURES



Sleek, Modern Design



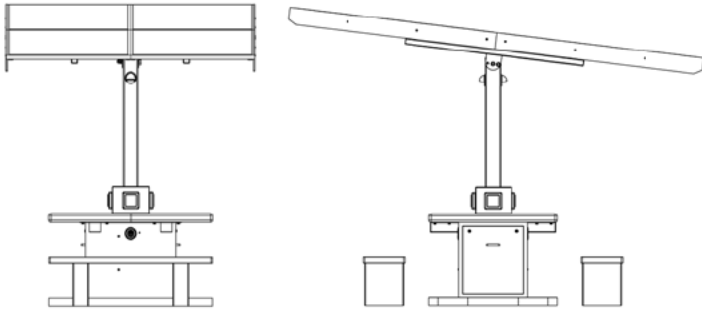
120V and USB/USB-C Fast Charging Outlets Plus Qi Wireless Charging Pads



Attractive LED Lighting

BENEFITS

- A high visibility green symbol with tangible benefits for your community
- Complements a wide range of landscapes and architectural aesthetics
- Provides off-grid electronic device power in a convenient and attractive way
- Provides continuous electronic device charging even during extended grid power outages
- Reduces carbon footprint
- 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): 8'5"
- Canopy head clearance height (low side): 6'8"
- Canopy: 6'7" W x 11'0" L
- 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): 4'6" W x 3'7" L

STRUCTURE

- 100% powder coated structural steel
 - ASTM A-500 Grade B structural steel: horizontal tube, vertical tube, and solar canopy supporting tube; thickness: 3/16"
 - ASTM A-36 structural steel: bench enclosures, miscellaneous supporting components; thickness: 3/16"
 - A1011 CS Type B steel sheet: bench enclosure access panel; thickness: 1/8"
- Table & bench tops: Architectural cast concrete
- Wind speed rating: 160 mph self-ballasted (no surface attachment required)
- Durable industrial strength construction with easy to clean surfaces
- Seating: Seats four (4) to eight (8) comfortably with a minimum 24" centerline distance between parallel seats
- Total weight: 1,813 lbs (additional 400+lbs per bench)

SECURITY

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

WARRANTY

- One (1) year warranty on installation
- Twenty-five year warranty on solar panel power output
- See individual component warranties

SOLAR POWER SYSTEM

- Solar array capacity: 1.4kW DC
- GFCI: Six (6) protected standard outlets
- Charging ports: Six (6) 60W QC 4.0 USB-C ports, two (2) 55W max USB-C PD ports, six (6) 30W QC 3.0 USB-A ports, two (2) 55W max USB-A ports, and two (2) Qi Wireless Charging Pads
- Battery: Two (2) 100 Ah AGM valve regulated lead acid (VRLA)
- Inverter: 500 Watt Pure Sine Wave
- Charge Controller: 50A MPPT with Bluetooth connectivity
- Battery replacement cycle: Five (5) years/1000 cycles (typical)
- Depth of discharge: 50%
- Autonomy: Three (3) days
- Daily energy production: 3,800Wh1
- P.E. designed, off-grid solar PV and user outlet power system
- Remote monitoring: Monitor system data, troubleshoot, view comprehensive insights, and store data from anywhere, provided the unit is connected to Wi-Fi

OPTIONS

- Multiple Bench Options
- Wide range of steel powder coat colors
- Logos, graphics, or advertiser/sponsor branding
- NEMA rated enclosure to house USB smart devices
- Hotspot Circuit
- Cell Modem for remote monitoring (SIM card required)

Financing available.

The Inflation Reduction Act's tax credits are aimed to reduce energy consumption and transition to renewable energy. The Inflation Reduction Act (IRA) can help reduce the cost of solar products such as the Sunbolt Solar Workstations.

Consult with your tax advisor to determine if you qualify.

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

Steel Color Options

STANDARD RAL COLORS *(Don't see your color? Ask about custom finishes)*

				
RAL 1015 - Light Ivory	RAL 1017 - Saffron Yellow	RAL 1023 - Traffic Yellow	RAL 2003 - Pastel Orange	RAL 2004 - Pure Orange
				
RAL 2008 - Bright Red Orange	RAL 3003 - Ruby Red	RAL 3005 - Wine Red	RAL 5001 - Green Blue	RAL 5002 - Ultramarine Blue
				
RAL 5008 - Grey Blue	RAL 5011 - Steel Blue	RAL 5012 - Light Blue	RAL 5015 - Sky Blue	RAL 5024 - Pastel Blue
				
RAL 5026 - Pearl Night Blue	RAL 6002 - Leaf Green	RAL 6005 - Moss Green	RAL 6016 - Turquoise Green	RAL 6020 - Chrome Green
				
RAL 6024 - Traffic Green	RAL 7032 - Pebble Grey	RAL 7036 - Platinum Grey	RAL 7039 - Quartz Grey	RAL 7044 - Silk Grey
				
RAL 8028 - Terra Brown	RAL 9003 - Signal White	CAR-T002 - Black	IFS-SRSL74007 - Charcoal Grey	

PREMIUM COLORS

				
metallic 38/70044 Argento 312	metallic 38/90011 Argento 308	metallic 38/90009 Argento 307	metallic 38/90007 Argento 305	metallic 38/91020 Anodized Silver

Bench Options



CONCRETE PLAZA BENCH (STANDARD)

A standard, smooth concrete bench option with an extended bench top. This bench blends seamlessly into the aesthetic of any property.



CONCRETE LOBBY BENCH WITH IPE SEAT

An aesthetically pleasing bench option that incorporates a polished wood finish with smooth cast concrete supports. A perfect complement to the overall design.



RECYCLED PLASTIC LUMBER BENCH

This bench is environmentally friendly by using a plastic lumber that is composed of recycled milk jugs. Available in a dark teal color.



CUSTOM CONCRETE PLAZA BENCH

This unique bench design is made of concrete with a smooth surface finish.

Logo/Graphic Location Options

Below are the standard offerings for graphics. Additional space can be utilized. Please speak to your Sunbolt representative for options.

A: East and West cabinet doors

