
PRODUCT CATALOG



SolarSynthesis

Your Off-Grid Power Solution

THE PERFECT OUTDOOR CHARGING CENTER WHENEVER, WHEREVER YOUR GUESTS NEED IT



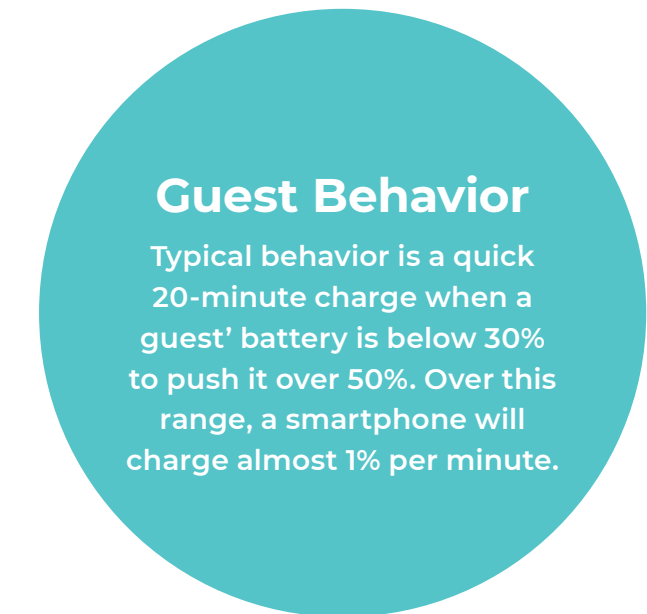
- MUNICIPAL PARKS
- PLAYGROUNDS
- HOTEL POOLS
- BEACH LOCATIONS
- LINEAR TRAILS
- COLLEGE AND UNIVERSITY CAMPUS
- OUTDOOR RESTAURANT PATIO
- AMUSEMENT PARKS
- APARTMENT COMPLEX PATIO
- OUTDOOR SHOPPING CENTERS
- RV/CAMPGROUND LOCATIONS
- ...AND ANYWHERE THERE IS A PARK BENCH!

Keeping You Connected

Clean, renewable solar energy whenever, wherever your guests need it. Smart devices have become the way of the world. They have become our computers, cameras, telephones, televisions gaming centers, clocks and calendars. Because of the functions they serve, we can't do without them; but sometimes their batteries need a boost. Add a SolarSynthesis® charging station to your park location. A quick fifteen or twenty minute charge while your guests are sitting on a bench enjoying an ice cream cone or a beverage can go a long way to enhance their experience. Accommodate them by providing convenient access to power, so they can charge their devices and stay plugged into your locations longer. A charged smart device in the hands of a guest equals a satisfied guest. SolarSynthesis® is your off-grid power solution.

Which Model Is Right for You?

A typical smartphone will draw about 1 amp from a 12V battery. This equates to about 30 hours of stored charge capacity for the SuperCharge35™, and 15 hours for the SuperCharge18™. These numbers are estimated, as all smartphones are different. The 6W solar panel on the SuperCharge18™ will deliver 333mA per hour in ideal conditions and less in sub-optimal conditions. If the unit receives 6 optimal hours of sun per day, it will support an average of 2 hours usage per day (This is a full year average – more in the summer and less in the winter). The 10W solar panel in the 35 delivers 550mA per hour in ideal conditions. If this unit were to receive the same 6 hours of optimal sunlight, it will support 4 hours usage per day. Again, this is full year average, it will be more in summer and less in winter.



Guest Behavior
Typical behavior is a quick 20-minute charge when a guest' battery is below 30% to push it over 50%. Over this range, a smartphone will charge almost 1% per minute.

PRODUCTS

SolarSynthesis® charging stations are equipped with a solar panel to harness the sun's free and renewable energy. This power is controlled by a proprietary electronics module that regulates the charge to a connected, sealed lead-acid battery. This electronics module will pull power off the battery to supply a 5v 2.1 amp dual USB outlet.

Solarsynthesis® Is The Leading Name In Solar Powered USB Charging Stations.

SuperCharge 18™



Your off-grid power solution for heavy residential applications and passive commercial applications, the aesthetically pleasing unit is equipped with an 18Ah sealed lead-acid battery to accommodate a modest amount of peak demand on a routine basis. This unit is ideal for controlled environments such as a daycare playground.

Specifications:

- 12V 18Ah DC Battery
- 6W 18V Solar Panel
- Dual 5v 2.1 amp USB outlet
- Stands 18" tall and is 8" wide with a 10" cover

\$699.00

SuperCharge 35™



The most popular off-grid power solution, this unit has internal storage capacity to withstand heavy peak use on a routine basis (35Ah) and is equipped with a 10W solar panel to deliver greater recharging power to the battery. This unit is typically specified for heavy traffic park and playground locations, as well as hotel pool and patio locations.

Specifications:

- 12V 35Ah DC Battery
- 10W 18V Solar Panel
- Dual 5v 2.1 amp USB outlet
- Stands 18" tall and is 8" wide with a 13" cover

\$1,249.00

SuperCharge 35™ Plus



Upgrade to the SuperCharge 35™! Double the power by replacing your 10W solar panel with a 20W panel.

Specifications:

- Stands 18" tall and is 8" wide with a 15" x 20" cover
- Add the capability to support an additional 4+ hours usage per day

\$1,899.00

SuperCharge 55™



The most powerful off-grid power solution in the SuperCharge™ line, this aesthetically pleasing unit is equipped with a 55Ah sealed lead-acid battery to accommodate the heaviest demand. This unit is ideal for urban locations, amusement parks and college and university campuses.

Specifications:

- 12V 55Ah DC Battery
- 50W 18V Solar Panel
- Two Dual 5v 2.1 amp USB outlet
- Stands 24" tall and is 14" wide with a 20" x 30" cover
- Will support 20+ hours usage per day

\$3,499.00

FEATURES

SolarSynthesis® designs and manufactures high quality, aesthetically pleasing power solutions aimed at enhancing your off-grid experience.

SOLAR PANEL

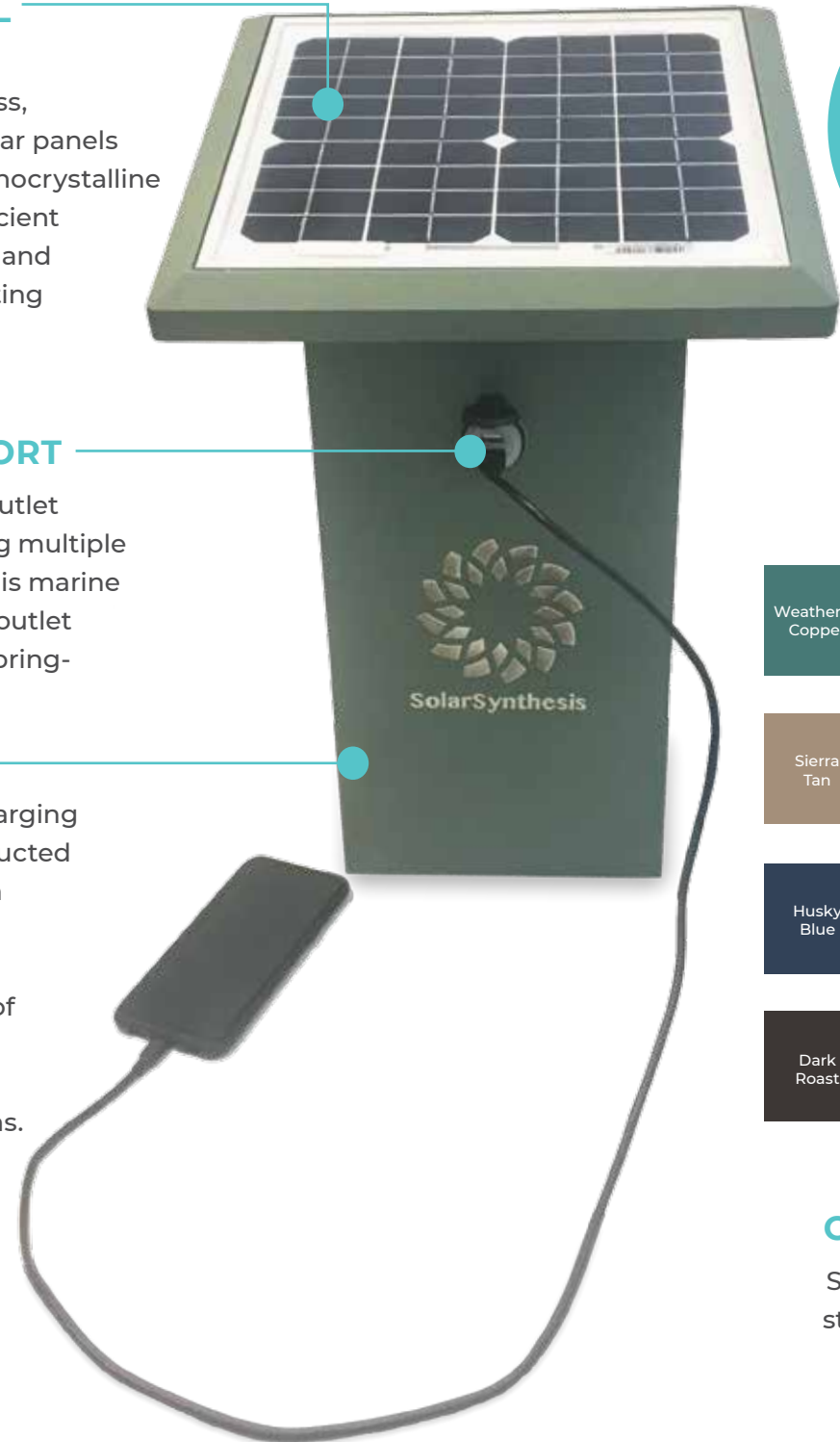
Protected by Low-Iron Tempered Glass, SolarSynthesis® solar panels are made with monocrystalline silicon cells for efficient energy conversion and have a pressure rating of 2400Pa.

DUAL CHARGING PORT

Dual 5V 2.1A USB outlet capable of charging multiple devices at once. This marine grade, waterproof outlet is protected by a spring-loaded cover.

RUGGED

SolarSynthesis® charging stations are constructed from high strength aluminum and contain marine grade weatherproof components to withstand the toughest conditions.



Maintenance
FREE!

STANDARD COLORS

| | | |
|------------------|------------|------------------|
| Weathered Copper | Rust | Weathered Bronze |
| Sierra Tan | Sky White | Weathered Brown |
| Husky Blue | Bone White | Weathered Iron |
| Dark Roast | Earth | Sandstone |

CUSTOM COLORS

SolarSynthesis® charging stations are also available in any custom color to match your theme.



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