POWERSOL®
Outdoor Solar Powered Charging Station
• A high quality 9’ patio umbrella equipped with secured solar panels

• Students and staff can charge mobile devices outdoors just as fast as using a wall outlet

• Delivers a valuable, relevant lesson about sustainability by harnessing solar energy to solve a problem

• Provides outdoor charging at an affordable cost - much less than installing outdoor outlets

OUR PREMIER PRODUCT
DURABLE. CONVENIENT.
• Quality frame construction
• Durable marine grade fabric - 10 yr wty
• Use with existing patio tables
• Customize your Powersol® to meet the users’ needs
• No special installation required
• Easily moved for special events on campus
• Simultaneously charges 3 USB supported devices
• One durable Powersol® supports up to 54 watts of clean, green energy

• 5.5 hours of sun initially charges the Smart Hub*

• 6 to 16 hours of a completely charged Smart Hub
  = 6 to 16 hours of simultaneous charging of mobile devices**

* This number is based on a completely uncharged hub. It would take less time if the hub has any charge at all.

** These number will vary based on the size of the battery on the mobile device, and how degraded it is at the time. Also if charge is occurring during sunlight, the hub will be regenerating so the charge times may be longer.
SMART BATTERY HUB
BATTERY
Rated at 74V at 22Ah

LED CHARGING DISPLAY
Indicates battery level

WORLD-CLASS ENGINEERING
Initially developed with the same prototype team as iHome, Belkin, VW, Audi and more

PATENTED SMART HUB
Three intelligent charging ports that sense when a device is fully charged and effortlessly halts the use of harvested solar-energy while efficiently retaining battery power
• All components are weatherproof (IP55)

• Optional 24” diameter high quality durable aluminum table available when not installing the Powersol® in a patio table

• Stored power - charges mobile devices day or night
SUSTAINABLE. EFFICIENT. AFFORDABLE.
• ZON Powersol® provides a responsible solution to sustain mobile battery-life by utilizing solar-technology

• By 2030, 10% of all global energy consumption will come from mobile devices and laptops driving a critical need for sustainable mobile charging

• “76% of undergraduates have a smart phone”*  
  – Plus tablets and other mobile devices  

• Worldwide mobile traffic grew 70% in 2012 (nearly doubled from 2011)

• More than 10 billion mobile connected devices by 2017 (13% growth from 2013)
• Complements your LEED Certified buildings

• Visibly demonstrates the campus commitment to Sustainability

• Great use of Student Government Green/Sustainability Funds

• Lower cost allows more coverage on campus - compare to other outdoor solar charging stations
WHAT PEOPLE ARE SAYING
“Energy is very intangible. You can’t touch electricity, but these umbrellas will let students physically interact with solar energy on a daily basis.”

“Our new ZON solar-powered umbrellas with USB charging stations just went up today! #UCLAAnderson is the first UC school to use them. Just one of the ways we’re thinking in the next.”

“Yes! This is great!”

“Powersol Umbrellas take a normal patio umbrella to the next level. Each umbrellas has solar panels on top of it, that capture the power of the sun and turn it into power that can charge up to 3 portable devices at a time using a USB connection. The Powersol umbrella has elegantly solved the problems that many students had when it comes to their charging needs. Student LEAF was proud to fund 19 of these Powersol umbrellas across campus so that no matter where students were, they could enjoy our beautiful campus and still have a full charge.”

“I think it’s really great that USC is heading towards the directions of alternative energy.”

“It’s a huge step in the right direction”
INSTALLATIONS
SERVE YOUR STUDENTS’ MOBILE DEVICE CHARGING NEEDS AFFORDABLY & SUSTAINABLY
Email: carolyn@zon-technology.com

Phone: 310.350.3907

Web: www.zon-technology.com

Put your campus energy sustainability goals and education into practice while providing a sought after service for students.