

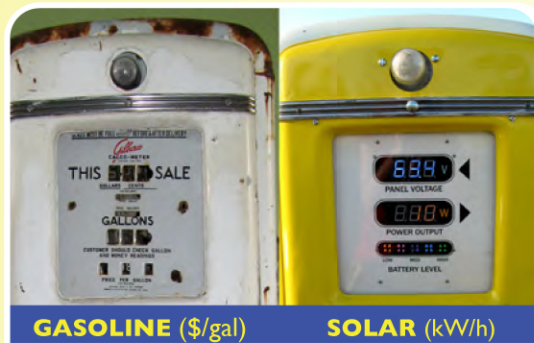


Deco SolarPump Charging Station

The **SolarPump** is a solar-powered charging station for cell phones, electric bikes, scooters and laptops with seating under a 12' x 5' solar roof and shade structure.

Station Includes:

Supporting structure, tables, stools, shade cloth, PV array, battery bank, inverter, charge controller, circuit box, cables, outlets, 2 tables, 4 stools, and LED lighting.



- Created from reclaimed gas pumps and other recycled scrap metal
- 195 Watt Sanyo Bifacial PV panels mounted on roof
- Digital readout panel shows electricity used while charging electronic devices and storing energy in the batteries.
- Outputs 110V to standard outlets
- System can also be grid tied, selling energy back to the grid
- Remote sensor stores data and can be monitored online by users and service providers
- Electrical box contains a 1100 to 3000 Watt inverter
- Security hardware

Applications:

College campuses, festivals, city centers, business parking lots, transportation hubs, housing developments, and neighborhood emergency power.

Additional Features:

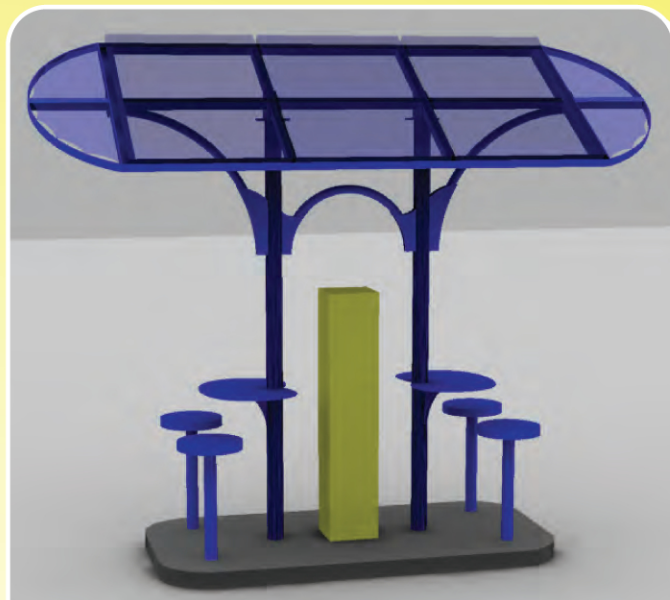
- Security lockers (for each phone)
- Additional shade structures
- Additional table and seating

Pricing & Rental Available

For more information please contact:
SolDesignLab@gmail.com • www.SolDesignLab.com

Visit YouTube.com for time lapse footage!

<http://www.youtube.com/watch?v=KtuCoLWWzgU>



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Energy Produced:

570 W system (scalable)

Daily solar energy is calculated at 5 Optimal Hours per day (Standard Test Conditions) and a total electrical system efficiency factor of 75%.

System yields 2.14 kWh per day

Benefits:

- Free public charging and public seating
- Stand alone mobile system
- 30% solar rebate if installation site qualifies
- High visibility space for sponsor art and branding
- Power can be tied back into the grid if needed
- Battery bank stores solar energy for cloudy days or emergencies

The **SolarPump** charging station has been used at the Bay Area Maker Faire, the Coachella Music Festival, the SXSW Festival in Austin, TX, the Roskilde Music Festival in Denmark, and the AT&T Conference Center at the University of Texas Austin.



Charging cell phones at the Coachella music festival in Indio, California.