UT Austin Campus Solar Charging Station

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TECH SPECS
- 750w Solar array (3x250w PV panels)
- IP-65 rated electrical enclosure
- LEDs with timer, on/off button
- WiFi repeater/cellular WiFi modem
- 3 110V 15A GFCI electrical outlets
- Up to 30 2A USB charging ports
- 650Ah 24V 6-battery bank
Campus Solar Station
University of Texas at Austin
Sol Design Lab’s new app and website graphically displays total energy production and where to power up now with real-time load data from the portable electronics actually plugged in and equivalent CO2 reduction. www.urbansunspot.com

San Francisco, San Jose, Austin and Amherst are the first cities that have installed Urban Sunspots
CHARGE YOUR MOBILE ELECTRONICS HERE!

URBAN SUNSPOT Charging Station

Components

- 145 Watt Armageddon Energy Solar Panel
- Morningstar Sunsaver MPPT 15 A charge controller
- 1000 Watt Nature Power Inverter / AC 110 v outlet
- 12 Volt 104 Amp Hour sealed AGM battery
- Remote Meter read-out displays:
  > Battery is charging
  > Temperature
  > System status

Solar Panel

Breakers

Charge Controller

AGM battery

Inverter 1000 w

Remote Meter

WHY?

- 100% solar powered!
- Recharge your electronics OFF the GRID!
- Promotes discussion about clean energy & mobility
- Re-imagine public space
- Free public solar energy!

Q&A

How long does it take to charge a cell phone or laptop here? The same amount of time as at home!

How much can this station charge? 100+ cellphones / iPods, 10+ laptops, 1 electric bicycle

How long does it take to charge an electric bike? 1-3 hours depending on the model

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