

WHAT IS THE SKYHOOK... D6 **EV** CHARGING SOLAR STATION®?

SKYHOOK SOLAR STATION **BASICS & USE-CASE**

The Solar Station is a clean energy technology that provides immediate, scalable access to power that can be deployed anywhere. Our ballasted canopy design **does not require on site construction, trenching, or permitting**, thereby facilitating rapid, zero-emissions growth for our partners.

SOLAR STATION **CHARGING SPEED & GRID CONNECTION**

The Solar Station is capable of providing **16A 240V charging power, or 3.8kW** from a single plug. Two plugs can charge vehicles simultaneously at ½ this rate. The unit can be outfitted to accept an electrical grid feed. 5A, 15A, and 20A feeds can complement the Solar Station, optimizing EV charging.

USE CASE & **DAILY MILEAGE ESTIMATES**

According to the United States Census Bureau, the average commute time for the nation's workforce is around **30 minutes** and a distance of about **30 miles**. The D6 Solar Station is optimized for daily 4 to 8 hour charging – to cover the average commute of vehicles at workplace parking lots or curbside.

PERFORMANCE **HIGHLIGHTS**









- DELIVER UP TO 100+ E-MILES IN A DAY*
- CHARGE ONE OR TWO EVs OFF-GRID
- NO LOSS OF PARKING SPACE



* This is the amount of e-miles are delivered when a single car has access to the total energy of 16.1 kWh in battery power and 13.9 kWh of solar energy over a single 24 hr period. The total amount (30 kWh) is a middle-high estimate of the theoretical maximum and an ideal for a 24 hour period. This estimate is subject to significant real-world variation.

CAPABILITIES & FEATURES

D6 *EV* CHARGING SOLAR STATION®

- 4G/WiFi  Monitor Performance
- Patented V-Canopy  Maximizes Solar
- Analytics  Track GHG Reduction
- J1772 Plugs  Multi-Car Charging
- LED Lighting  City Resilience
- Forklift/Pallet Jack  Transportable
- Batteries  Store, Provide Energy
- 6' x 3.5' Footprint  Fits Anywhere



TECHNICAL SPECIFICATIONS

D6 *EV* CHARGING SOLAR STATION®

MECHANICAL

FOOTPRINT	6 x 3.5 ft.
WEIGHT	~4000 lbs
CANOPY	21 x 7 ft.
CLEARANCE	9 ft. 3 in.

COMMUNICATIONS

CONNECTIVITY	WiFi / Bluetooth / GPS / 4G LTE
DATA	Remote Data Monitoring
SOFTWARE	Skyhook Data Portal

ELECTRICAL

SOLAR PV	3 kW
BATTERY	Up to 22 kWh AGM
AC/DC	240V AC / 24V DC
1-EV CHARGE	16A (3.84 kW) via J1772
2-EV CHARGE	8A (1.92 kW) via J1772

FEATURES

PORTABLE	Forklift & Pallet Jack Compatible Base
LIGHTING	Under Canopy LED Lights
ADVERTISING	Two Aluminum (2'x3') Poster Boxes (Double Sided, Four Spaces)

OPTIONAL ELECTRICAL UPGRADES

BATTERY	Heated LiFePO4 Batteries
AC/DC	240V AC Upgrade
GRID-FEED	Increased Amperage (Enables 4-EV Charge)

OPTIONAL RESILIENCE UPGRADES

RESILIENCE	Emergency Device Charging Panel
DEPLOYMENT	Soft Ground Deployment Kit
AQI SENSOR	Purple Air Network AQI Monitor
CELL BOOSTER	Remote 4G Cellular Connectivity



OPTION-STANDARD TABLE

SKYHOOK D6 SOLAR STATION®

PURCHASE OPTION

Option	D6
Base price	TBD

Batteries

Lithium 1.2 kWh
 Lithium 2.4 kWh
 Lithium 4.8 kWh
 Lithium 7.2 kWh
 Lithium 9.6 kWh
 AGM 2.8 kWh*
 AGM 5.5 kWh*
 AGM 11 kWh*
 AGM 16.6 kWh*
 AGM 22 kWh*

Power Output

120v single phase
 240V split phase output STD
 230V EU spec output
 Exterior USB and outlet

Deployment

Soft ground deployment kit
 Remote location cell booster
 E-bike dock interface kit

Advertising

Two poster boxes STD
 One or zero poster boxes
 Front security panel
 Rear security panel

LEASE OPTION

Option	D6
Base monthly cost	TBD

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*AGM capacity listed at net C20, 50% maximum DOD required to maintain warranty.