



# EV ARC™ 2020

ELECTRIC VEHICLE AUTONOMOUS RENEWABLE CHARGER



## WHY THE EV ARC™ 2020



No permitting or costly, time consuming construction



Transportable, deployed in minutes



Does not reduce parking



Charges multiple vehicles using the EV charger of your choice



Emergency power



Charges day, night and during blackouts



25% more electricity using patented tracking technology

## EV CHARGING DEPLOYED IN MINUTES

Our patented EV ARC™ 2020 is the world's only transportable, solar powered electric vehicle charging product. The system is completely grid independent, allowing easy and fast deployment in minutes with no construction necessary. Our technology can be utilized day or night, rain or shine. The unit's onboard battery storage provides a source of emergency power in the event of an electrical outage. Separate yourself from the ordinary and make your company stand out by joining New York City, Google, Caltrans and others who are already benefitting from the EV ARC™. Our zero-emission technology provides 100% clean renewable electricity, allowing you to *Drive on Nothing but Sunshine...*



# EV ARC™ 2020 SPECIFICATIONS

## ELECTRIC VEHICLE AUTONOMOUS RENEWABLE CHARGER

PERFORMANCE CHARACTERISTICS		
SPECIFICATION	UNITS	VALUE
Solar Array	kW	4.3
Daily Range Delivered <sup>1</sup>	e-miles	Up to 225
Total Battery Storage	kWh	24,32,40
Total EV Charger Power <sup>2</sup>	kW	Up to 4.3
Certified Wind Load	mph	120

MECHANICAL CHARACTERISTICS		
SPECIFICATION	UNITS	VALUE
Canopy Dimensions (L x W)	ft	21 x 10.6
Max Height	ft	15.3
Min Clearance	ft	9
Base-Pad Footprint (L x W)	ft	18 x 7.5
Weight <sup>3</sup>	lb	<12,500
Surface Loading <sup>4</sup>	psi	8.14
Standard Shipping Methods	N/A	Arc Mobility Trailer / Truck & Trailer / Shipping container
XFMR Shipping Size (L x W x H) <sup>5</sup>	ft	18 x 7.5 x 7.6

AVAILABLE OPTIONS		
OPTION	UTILITY	
EV Charger Circuits <sup>6</sup>	Ports	1 to 6 (J1772) or 3 (5-20R Outlets)
EV Charger Types	N/A	Basic and Networked Options Available

MAJOR COMPONENT RATINGS
UL 94 V-0 (Battery); UL 1741, CSA C22.2 No. 107.1 (Inverter and Charge Controller); UL 1778 Annex FF (Inverter); UL 1703, IEC 61215, IEC 61730 (Solar Panels), UL2594 UL2231 (EVSE)

1. Range will vary based on local conditions
2. Actual total output power depends on EV and EVCS (Electric Vehicle Charging Station)
3. Exact weight varies based on EV ARC™ model and options
4. Pressure calculated by weight distributed over 8in x 24in anti-skid pads
5. Enables domestic and international shipping on a standard flatbed trailer or shipping container
6. Power may be reduced based on number of circuits, EV models and EVCS types

**DRIVE ON SUNSHINE**