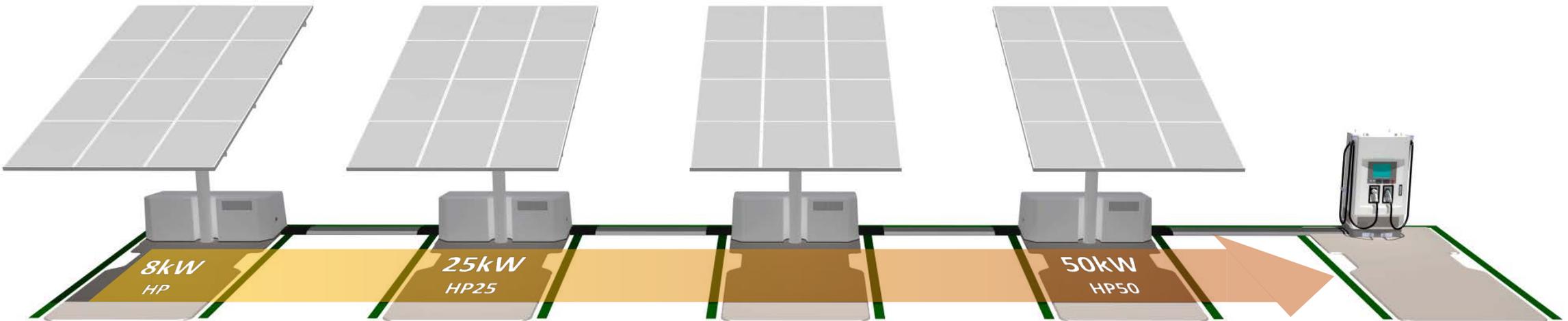




EV ARC™ HP, HP25, and HP50

The EV ARV™ HP is a high output version of our standard EV ARC™ station that acts as a standard building block in a daisy chained power system. Each HP station can operate independently to supply fast Level 2 charging, or connected to neighboring EV ARC™ HP stations to build a high power three phase output to support DC fast charging or emergency response equipment. Each station and interconnect system is standardized and requires no special programming for easy plug-and-play adaptability and growth in any deployment.



SPECIFICATION	UNITS	EV ARC 4	EV ARC HP	EV ARC HP25	EV ARC HP50
Max DCFC Power	kW	-	-	25	50
Max DCFC Rate ⁰	mi/hr	-	-	100	200
HP ARCs Required	-	-	-	2	4
Total PV Power	kW	4.3	4.3	8.6	17.2
Standard Battery Storage	kWh	23	38	77	154
Max Daily PV Energy	kWh	31	31	66	134
Max Daily Range ^{0,1} (PV + Battery)	miles	192	235	482	981
Required Linear Spaces	-	1	1	3 to 5	8 to 9
Level 2 Chargers ²	-	1	1	2 ³	4 ³
Daisy Chainable	-	No	Yes	-	-
Off Grid	-	Yes	Yes	Yes	Yes
Upgrades & Options					
Additional Battery Storage ⁴	-	Yes	Yes	Yes	Yes
Additional HP EV ARC™ Stations ⁵	-	-	-	Unlimited	2
Grid Buffered ⁶	-	Yes	Yes	Yes	Yes

NOTES

⁰ Uses 4 miles per kWh conversion

¹ Range varies based on daily local insolation and weather conditions

² 40A Level 2 (HP only). Compatible EVSE manufacturers and models required.

³ Derated output once DCFC installed

⁴ Battery upgrade must be done to all stations in chain

⁵ Additional HP stations must match existing station specs

⁶ 208VAC utility input at programmable rates for added reliability in poor weather conditions