

BPE proudly introduces our new range of DC Electric Vehicle Chargers; designed to be the ideal solution for commercial and industrial applications. Our DC 20/30/40kW DC Rapid Charger provides faster charging for EVs and is fully OCPP 1.6 compatible; it is designed to work with a wide range of fleet management and backend software providers.

Main Benefits

- 5m CCS 2 tethered cable, works with all EVs in Europe
- RFID card or App authentication
- 150 – 1000 VDC output voltage range
- LCD screen and LED light bar display
- Emergency Stop Button
- IP55
- Forced Air Cooling



BPE PowerDepot DC EV Charger Specifications

BPE DC EV Chargers		DC 20kW	DC 30kW	DC 40kW
Physical Specification	Shell Material	Carbon Steel		
	Dimensions (L*W*H)	450*250*850		
	Weight	65kG		
	Installation Method	Wall-mounted		
	Bottom or Top Cable Entry Options	Bottom inlet wiring, up outlet wiring		
	Cable Length	5M		
	Charging Outlets	Single (CCS2)		
	Connectivity Authorisation	RFID & App		
	Screen	9.1inch LCD screen/LED light		
Electrical Specification	AC Input Voltage	Three Phase 380 VAC +/- 15%		
	Input Frequency	50Hz/60Hz		
	Consumption	≤2W		
	Rated Power	20KW	30KW	40KW
	Output Voltage Range	150 – 1000 VDC		
	Output Current	0~66.7A	0~100A	0~133A
	Efficiency	≥94%		
	Power Factor	≥0.99(load:100%)		
Safety Parameters	Safety Components	Over/under voltage protection, current protection, current leakage protection, grounding protection, over temp protection, lightning surge protection		
	Safety Certificates	IEC61851-1:2011, IEC61851-23:201 EN61851-1:2011; EN61851-23:2014, IEC61851-21-2:2018; EN61000-6-2:2005; EN61000-6-4:2007+A1		
Communication	OCPP	OCPP1.6		
	Network Interface	Ethernet/4G		
Environment Condition	Installation Locations	Indoor/Outdoor		
	Working Latitude	<2000m		
	Working Temperature	-30°C ~ +55°C		
	Working Humidity	5% ~ 95%		
	Protection Level	IP55		
	Cooling Method	Forced-air cooling		
	Warranty	3 Years		