

Egbatt Solar DC EV Charger for Charging Stations | PV Fast Charging

0kW solar DC EV fast charger with dual MPPT inputs. Designed for commercial sites and EV charging stations, enabling high-efficiency direct solar DC fast charging. [Https://www.egbatt.com](https://www.egbatt.com)



Category	Parameter	Description	Units
Electrical	Maximum Rated DC Power Output	20/40	kW
	CharIN DC CCS Power Class	DC 10	
	Output Voltage (to EV)	200Vdc to 750Vdc	Vdc
	Input Voltage (710V nominal)	260Vdc to 720Vdc	Vdc
	MPPT suggest Voltage	600Vdc-720Vdc	Vdc
	Maximum DC Output Current	41A / 82A	A
	Efficiency	>99 average	%
Protection	Over/Under Voltage	Input & Output	Yes
	Input Brown-Out	Protection included	Yes
	Over Current / Short Circuit	Output protection	Yes
	Over Temperature	Protection included	Yes
	Insulation Fault Detection	Protection included	Yes
Environmental	Operating Temperature	-35 to 50 / -31 to 122	°C / °F
	Relative Humidity	95 (non-condensing)	%
	Cooling	Forced Air	
	Operating Altitude	0 to 2,000 / 0 to 6,562	m / ft
	Enclosure Rating	IP65 NEMA 4X (indoor/outdoor)	
Mechanical	Size (W x H x D)	490*160*400	mm
	Weight	30/60	kg
	Cable Length	7.6 / 25	m / ft
	Dispenser Nozzle	CCS-1 (-CCS1) or NACS (-NACS)/CCS-2/ EN61851、EN62196、ISO15118、 DIN70121,CHAdeMO,GB/T18487、 GB/T20234、GB/T27930	
Compliance	Safety Standards	UL Ready	
	EMC	FCC Part 15 Class A	
	Communication Standards	ISO 15118-2/-20, OCPP 1.6/2.0.1, DIN 70121	
Misc.	Reset Button	External	Yes
	Wired Communication	Ethernet (100 MB), RS-485 (Modbus), CAN bus	
	Wireless Communication	Optional WiFi, BLE, or Cellular	