

Charge X

80kW / 120kW / 160kW / 200kW / 240kW Series



480kW Series




All-in-one EV Charger

Reliable & high efficiency charging infrastructure

www.power-q.ca



80kW / 120kW / 160kW / 200 kW / 240kW Series

Output Characteristics	Rated Power	80kW	120kW	160kW	200kW	240kW
	Output Voltage	50-1000V (CCS1) 200-500V (CHAdeMO)				
	Cable Option	200A, 300A (optional)				
		125A (CHAdeMO)				
	Peak Efficiency	96%				
Input Characteristics	Input Voltage	AC480V ±10% (3P+N+PE)				
	Frequency	50-60Hz				
	Power Factor, THDi	0.99, <5%				
	Grounding Type	TN-S, TN-CS				
Certification						
Mechanical Dimensions	Size (mm)	W(800-918) * D 750 * H 2000				
	Screen	15" HD touchscreen				
	Protection Level	IP55, NEMA 3R				
	Standard & Protocol	UL2231, UL2202, CHAdeMO1.2, ISO 15118, DIN70121				
Environmental Conditions	Operating temperature, Humidity, Altitude	-25°C to +50°C 5%-95% <2000m				

480kW Series



Output Characteristics	Output Voltage	50-1000V (CCS1) 200-500V (CHAdeMO)
	Rated Power	360-480kW
	Max Current per connector	CCS1(conventional cooling): 200A/300A CCS1(liquid cooling): 500A CHAdeMO: 125A
	AC -> DC Transaction	100040K3B 40kW Modules
	Peak Efficiency	96%
Input Characteristics	Input Voltage	AC480V ±10% (L1+L2+L3+N+PE)
	Frequency	45-65 Hz
	Power Factor	0.99
	THDi	<5%
	Grounding Type	TN-CS, TN-S
User Interface	Indication	LED & User interface on user unit
	Payment Terminal	RFID reader (ISO 14443 A + B to part 4 & ISO/IEC 15693, Mifare 1, NFC)
Mechanical Dimensions	Protection Level	IP55, NEMA 3R
	Standard	UL 2202, UL2231, UL1998, UL991, FCC, ISO 15118
	Size	Power Bank: W1400 * D1000 * H2100 mm User Terminal: W370-450 * D750 * H2100 mm
	Communication Protocol	OCPP1.6J (upgradable)
Environmental Conditions	Operating temperature, Humidity, Altitude	-30°C to +65°C (derating over 45°C) 5%-95% <2000m