

LEVEL 3 DC COMMERCIAL EV CHARGING SYSTEM



Specifications & Features:

- Stylish Durable Design
- Top Quality PC
- Anti-UV Treatment
- Automotive Coating
- C5 Level Corrosion Protection
- IK10 for Indoor & Outdoor Use
- 32.0" Touch Screen
- User-Friendly Interface via **PowerPort EVC** App
- LAN Standard, 4G/Wi-Fi
- External Antenna
- Customizable Logo & Trim Color
- Dual Sim Modem
- Web Interface
- DC Metering
- Tilt Sensor
- Load Management Technology via **PowerPort EVC** App
- Optional Point of Sale System via **PowerPort EVC** App
- Emergency Stop Optional
- OCPP 1.6J / OCPP 2.0J
- SAEJ1772 Charging Plug with 18 ft Cable
- 2-year Warranty
- ETL & FCC Certified; UL Listed



i-Charging Level 3 DC EV Commercial Charger

MODEL	blueberry	blueberry FUSION	blueberry PLUS	blueberry CLUSTER
Output Power	50 kW	50-150 kW	50-600 kW	50-600 kW
Output Current	125 A	125-375 A	125-500 A	125-500 A
Output Voltage	150-1000 V	150-1000 V	150-1000 V	150-1000 V
Output Number	1 or 2	1 or 2	1 or 2	1 to 4 (koisk and satellites)
INPUT				
Input Voltage [V. a.c.]	340 to 530 +PE	340 to 530 +PE	340 to 530 +PE	340 to 530 +PE
Max. Input Current @ Pnominal [A]	90	N*90	N*90	N*90
Input Power [kVa]	53	N*53	N*53	N*53
Input Frequency [Hz]	50/60	50/60	50/60	50/60
Efficiency [%]	95	95	95	95
Power Factor	> 0.99	> 0.99	> 0.99	> 0.99
THDi [%]	< 4	< 4	< 4	< 4
OUTPUT CCS				
Voltage Range [V d.c.]	150 to 1000	150 to 1000	150 to 1000	150 to 1000
Max. Current (A d.c.)	125	125, 250, 375	125, 250, 500	125, 250, 500
Max. Power [kW]	50	N*50	N*50	N*50
OUTPUT CHAdeMO				
Voltage Range [V d.c.]	150 to 500	150 to 500	150 to 500	150 to 500
Max. Current (A d.c.)	125	125	125, 200	125, 200
Max. Power [kW]	50	50	50	50
STANDARDS				
DC Charging	EN IEC 61851-1 / EN61851-23 / IEC 61851-21-2 / ISO15118 including Plug&Charge / DIN70121 / CHAdeMO / UL 2202 / UL 2231-2 / CSA C22.2#107.1 / CSA C22.2#281.2			
Connection	CCS2 / CCS1 (IEC 62196-3); CHAdeMO JEVs (G105); GB/T (20234.3); NACS (SAE J3400)			
EMC Emission	IEC 61000-6-4, Industrial; IEC 61000-6-3, Residential on grid input for blueberry & blueberry FUSION			
EMC Immunity	IEC 61000-6-2, Industrial			

*N = Number of Power Modules

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ENVIRONMENT

Operating Temperature [C] [F]	-35 to +50 C; -31 to +122 F	-35 to +50 C; -31 to +122 F	-35 to +50 C; -31 to +122 F	-35 to +50 C; -31 to +122 F
Max. Elevation [m]	2000	2000	2000	2000
Protection Degree	IP54	IP54	IP54	IP54
Humidity [%]	5 to 95, non-condensing	5 to 95, non-condensing	5 to 95, non-condensing	5 to 95, non-condensing
Operation Noise Level [dba] @ 1m	User Unit: < 55	User Unit: < 55	User Unit < 53 ; < 65 (power unit)	User Unit < 53 ; < 65 (power unit)

HMI

Contactless Card Specification	ISO / IEC 14443A/B, ISO/IEC 15393, Mifare, NFC reader mode; Optional: bank card reader, GooglePay and ApplePay			
Local Interface	Touch screen 32"	Touch screen 32"	Touch screen 32"	Touch screen 32"
Communication Protocol	OCPP 1.6 / 2.0.1	OCPP 1.6 / 2.0.1	OCPP 1.6 / 2.0.1	OCPP 1.6 / 2.0.1
Network Connection	2G / 3G / 4G (LTE) Modem; 10 / 100 Base-T Ethernet			

MECHANICAL

Impact Protection	IK10 including display	IK10 including display	IK10 including display	IK10 including display
Housing	Steel	Steel	Steel	Steel
Corrosion Protection (ISO 12944:2018)	C5	C5	C5	C5

All values @ 25C except where indicated.

Optional features such as payment terminals may have a different IP and/or IK.

Non-contractural information. i-Charging reserves the right to change this specification.