

powered by **i-charging**



**blueberry** DATA SHEET

Are you feeling this spark?

# Let's stay connected

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## blueberry



1000 V | 125 A | 50 kW

## blueberry PLUS



1000 V | 125 A - 500 A | 50 kW - 600 kW

## blueberry CLUSTER



1000 V | 125 A - 300 A | 4 outputs | 50 kW - 600 kW

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#### STANDARD

External antenna  
Dual SIM modem compatible with multi operator SIM cards  
Tilt Sensor  
Web interface for maintenance

#### OPTIONAL

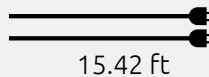
DC metering (Example Eichrecht)  
Bank card payment terminal  
Second modem for maintenance

### blueberry

CMS<sup>1</sup>



App



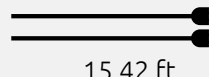
15.42 ft

### blueberry PLUS

CMS<sup>1</sup>



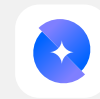
App



15.42 ft

### blueberry CLUSTER

CMS<sup>1</sup> (optional)



App



15.42 ft

*1- cable management system*

Output Power	<b>50 kW</b>	<b>50 - 600 kW</b>	<b>50 - 600 kW</b>
Output Current	125 A	125 - 500 A	125 - 300 A
Output Voltage	150 - 1000 V	150 - 1000 V	150 - 1000 V
Output Number	1 or 2	1 or 2	1 to 4 (kiosk and satellites)

**blueberry****blueberry PLUS****blueberry CLUSTER****INPUT**

Input Voltage [ V ac]	3x480±10%+PE	3x480±10%+PE	3x480±10%+PE
Max. Input Current @Pnominal [A]	71	N*71	N*71
Input Power [kVA]	53	N* 53	N* 53
Input Frequency [Hz]	60 ± 5%	60 ± 5%	60 ± 5%
Maximum Efficiency [%]	95	95	95
Power Factor	> 0.99	> 0.99	> 0.99
THDi [%]	< 5	< 5	< 5

**OUTPUT CCS**

Voltage Range [V dc]	150 to 1000	150 to 1000	150 to 1000
Max. Current [A dc]	125	125, 300, 500	125, 300
Max. Power [kW]	50	N* 50	N* 50

**OUTPUT CHAdEMO**

Voltage Range [V dc]	150 to 500	150 to 500	150 to 500
Max. Current [A dc]	125	125, 200	125, 200
Max. Power [kW]	50	N* 50	N* 50

**STANDARDS**

DC Charging	EN IEC 61851-1/ EN 61851-23/ IEC 61851-21-2 / ISO15118 including Plug&Charge / DIN70121; CHAdEMO 2.0 UL 2231-1 / UL 2231-2 / UL 2202		
Connection	CCS1 (IEC 62196-3) / JEVS (G105)		
EMC emission	IEC 61000-6-4, Industrial; Optional: IEC 61000-6-3, Residential		
EMC immunity	IEC 61000-6-2, Industrial		

\* N - number of power modules

**blueberry****blueberry PLUS****blueberry CLUSTER****ENVIROMENT**

Operating Temperature [°F]	-31; +122	-31; +122	-31; +122
Max. Elevation [ft]	6561	6561	6561
Protection Degree	NEMA3R	NEMA3R	NEMA3R
Humidity [%]	5 to 95, non-condensing	5 to 95, non-condensing	5 to 95, non-condensing
Operating Noise Level [dBA] @1 m	<55	<55 Power Unit: <60	<55 Power Unit: <60

**HMI**

Contactless card specification	ISO/IEC 14443A/B; ISO/IEC 15393; Mifare; NFC reader mode; Optional credit card reader, Google Pay, Apple Pay		
Local Interface	Touch screen 32"/ Mobile App	Touch screen 32"/ Mobile App	Touch screen 15"/ Mobile App
Communication Protocol	OCPP1.6 / 2.0	OCPP1.6 / 2.0	OCPP1.6 / 2.0
Network Connection	2G/3G/4G (LTE) Modem; 10/100 Base-T Ethernet	2G/3G/4G (LTE) Modem; 10/100 Base-T Ethernet	2G/3G/4G (LTE) Modem; 10/100 Base-T Ethernet

**MECHANICAL**

Dimensions [HxDxW] [in]	78.74 x 15.94 x 27.16 (Kiosk)	76.77 x 59.25 x 38.11 (Power Unit) 78.74 x 15.94 x 27.16 (Kiosk)	76.77 x 59.25 x 38.11 (Power Unit) 65.17 x 13.39 x 18.70 (Satellite)
Impact Protection	IK10 including display	IK10 including display	IK10 including display
Housing	Steel	Steel	Steel
Corrosion Protection (ISO12944:2018)	C5	C5	C5

All values @ 77°F except where indicated

Non-contractual information. i-charging reserves the right to change this specification.