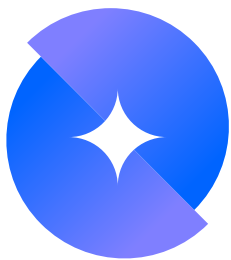


powered by **i-charging**



blueberry DATA SHEET

Are you feeling this spark?

Let's stay connected

www.i-charging.pt

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4150-707 Porto, Portugal

+351 221 150 960
info@i-charging.pt

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

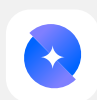
DC metering (Example Eichrecht)

Bank card payment terminal

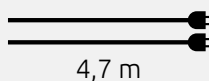
Second modem for maintenance

blueberry

CMS¹



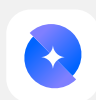
App



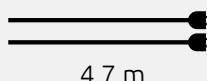
4,7 m

blueberry PLUS

CMS¹



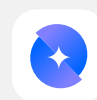
App



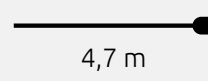
4,7 m

blueberry CLUSTER

CMS¹ (optional)



App



4,7 m

1- cable management system

Output Power	50 kW	50 - 600 kW	50 - 600 kW
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)

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INPUT

Input Voltage [V ac]	3x400±10%+PE	3x400±10%+PE	3x400±10%+PE
Max. Input Current @Pnominal [A]	85	N*85	N*85
Input Power [kVA]	53	N* 53	N* 53
Input Frequency [Hz]	50 ± 5%	50 ± 5%	50 ± 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, 250, 300, 500	125, 250, 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		
Connection	CCS2 (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

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ENVIROMENT

Operating Temperature [°C]	-35; +50	-35; +50	-35; +50
Max. Elevation [m]	2000	2000	2000
Protection Degree	IP54	IP54	IP54
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	ISO/IEC 14443A/B, ISO/IEC 15393; Mifare; NFC reader mode; Optional credit card reader	ISO/IEC 14443A/B, ISO/IEC 15393; Mifare; NFC reader mode; Optional credit card reader
Local Interface	Touch screen 32"	Touch screen 32"	Touch screen 15"
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] [mm]	2000x405x690	1950x1505x795 (power unit) + 2000x405x690 (kiosk)	1950x1505x795 (power unit) 1655x340x475 (satelite)
Impact Protection	IK10 including display	IK10 including display	IK10 including display
Housing	Steel	Steel	Steel
Corrosion Protection (ISO12944:2018)	C5	C5	C5

All values @ 25°C except where indicated.

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