BLITZ POWER

Blitz Power Station: Lux/Create

The Blitz Power Station (BPS) Lux and create are our fully configurable high-end AC EV-chargers. Fully open and fully modular to suit your needs! These chargers are built to be both wall mounted, tower mounted or even to disappear into your wall! The BPS is a qualitative and minimalistic charger tailored to our clients' needs.
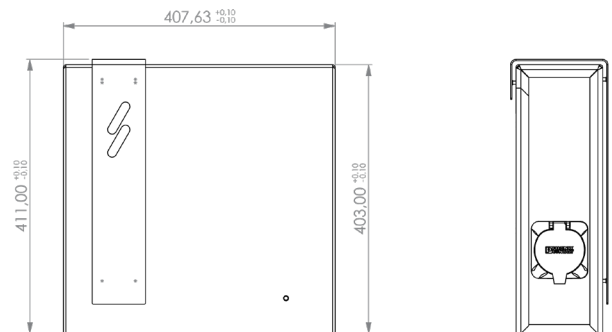
Commercial data:

Order code:	See annex: 1
Shipping unit:	Pieces
HS-code:	85044090
Country of origin:	Belgium

Dimensions:

Hight:	411 mm
Width:	407.63 mm
Depth:	130 mm (body)
	146 mm (outer bounds)
Weight:	10 kg

Technical data

Electrical	
Input voltage	3 × 400V+ N / 1 × 230 V AC / 3 × 230 V AC
Grid frequency	50 Hz
Protection	Integrated 6 mA DC leakage protection
	Integrated 30mA AC leakage protection / charge point (2)
Number of outputs (optional)	1 (+230v household socket) or 2
Output power per connector*	3 × 400V+N, up to 22kW (32A) or 1 × 230V, up to 7,4 kW (32A) or 3 × 230V, up to 14,8kW (32A)
Charge mode	Mode 3 per IEC 61851
Internal energy meter	MID class B certified
Environmental	
Operational temperature	-20 °C to +55 °C
Storage temperature	-20 °C to +80 °C
Altitude	+ 2000 m above mean sea level
Relative humidity	0% - 95% (non-condensing)
Mechanical	
Ingress protection	IP54
Mechanical impact protection	IK10
Materials housing	Housing: aluminium Side panels: PMMA Face plate: 316 Stainless
Plug or socket	Type 2
Mounting**	Wall-mount / tower / Push
Charging cable length***	5 meter / 8 meter (optional)

* Depending on the layout of your electrical installation and available power draw capacity, always consult your installer to get a full picture of available options. **Selection of mounting method determines accessory options. ***Only when cable type is selected, separate cables can be ordered, please reference accessories list.

Certificates and standards	
Product certification	CE, RoHS
EV charging standards	IEC 61851-1, IEC 61851-21-2
Communication and interfacing	
Status indicator	multicolour LED
Authentication methods	Plug & play, RFID Whitelist, OCPP
Communication interfaces	Ethernet (LAN), 4G (Cellular)
Communication protocol	OCPP 1.6 JSON

Accessories:

CEILING MOUNT
Art. Nr.: BPSCM201

TOWER 100
Art. Nr.: BPSTWR1001 (black), BPSTWR1002 (grey), BPSTWR1003 (white), BPSTWR1004 (custom)

CABLE HOOK
Art. Nr.: BPSKBL1 (black), BPSKBL2 (grey), BPSKBL3 (white), BPSKBL4 (custom)

PUSH FRAME
Art. Nr.: BPSPSHFRAME1 (black), BPSPSHFRAME2 (grey), BPSPSHFRAME3 (white), BPSPSHFRAME4 (custom)

SEPARATE CHARGING CABLE 5M
Art. Nr.: BPSLKT2-5M

100A DIRECT MODBUS LOAD BALANCING
Art. Nr.: I10218

INDIRECT MODBUS LOAD BALANCING (CT)
Art. Nr.: I10234

P1 BASED LOAD BALANCING
Art. Nr.: P1MB

80A DIRECT TCP LOAD BALANCING
Art. Nr.: EM4P80A-DIRECT

INDIRECT TCP/IP LOAD BALANCING (CT)
Art. Nr.: EM4P80A-INDIRECT

Annex 1: Blitz Power Station article coding

The Blitz Power Station is a highly configurable product, as such the number of permutations of the article number is in the thousands. Below you find the method behind our article coding system.

Note: Not all combinations are possible, please consult our online configurator or contact us for further information.

BPS W X 2 64A 1 310 55

10 = Socket Left
01 = Socket Right
12 = Socket left, 230v right
50 = Fixed 5m cable left
08 = Fixed 8m cable right
11 = Dual socket
55 = Dual fixed cable
33 = Dual Spiral cable (5m)

300 = No LTE (4G)
310 = LTE (4G)

1 = Black colour
2 = Grey colour
3 = White colour
4 = Custom colour

32A = Single 32A connector
64A = Dual 32A connectors

1 = Single power supply cable
2 = Double power supply cables

C = Create package
X = Lux package
L = Lite package

BPSW = Wall model
BPST = Tower model
BPSP = Push model