

# eNext Park

Attractive design with 3.5" display and communications for remote management

Designed for use in companies and indoor and outdoor car parks, these wall chargers take the smart charging concept to the next level. AFIR-compliant thanks to its 3.5" colour screen with dynamic QR codes. Compatible with Dynamic Load Management (DLM) systems for multiple charging points and also features built-in local power management for up to 6 chargers without additional hardware.



## Product highlights



### Power

Up to 22 kW of power with a type 2 plug, to charge approximately 130 km in 1 hour



### Connected

Connectivity via Wi-Fi, Ethernet, 4G/3G/GPRS modem (optional). Easily integrated with back-office system via OCPP



### Secure

DC leakage protection and welded contact detection included



### Scalable

Embedded Load Management (ELM) and compatible with DLM systems for easy system scalability



### Daisy chain

Possibility to connect multiple chargers in a sequence, creating a communication bus.



### AFIR-Compliant

3.5" display and flexible authentication process, including QR codes, for an enhanced user experience









## General Specifications

<b>Network connection</b>	Ethernet 10/100BaseTX (TCP-IP)
<b>Wireless communication</b>	Wi-Fi 2.4 GHz (IEEE 802.11b/g/n)
<b>Interface protocol</b>	OCPP 1.6J / 2.0.1 Ready
<b>Enclosure rating</b>	IP54 / IK10*
<b>Enclosure material</b>	ABS / PC
<b>Protections</b>	6 mA <sub>DC</sub> detection Welded contactor detection
<b>Operating temperature</b>	-5°C to 50°C
<b>Storage temperature</b>	-40°C to +60°C
<b>Operating humidity</b>	5% to 95% Non-condensing
<b>Light beacon</b>	RGB colour indicator
<b>Display</b>	3.5" Colour screen
<b>Dimensions (D x W x H)</b>	200 x 335 x 315 mm
<b>Power limit control</b>	Mode 3 PWM according to ISO/ IEC 61851-1
<b>Power balance</b>	Embedded Load Management
<b>Weight</b>	4 kg
<b>RFID Reader</b>	ISO / IEC14443A&B MIFARE Classic/DESFire EV1 ISO 18092 / ECMA - 340

<b>Supply entry</b>	Top or Bottom
<b>Meter</b>	MID Class 1 – EN50470-3
<b>Type 2 socket protection</b>	Locking system
<b>Optional devices</b>	
<b>Low temperature kit</b>	-30 °C to +50 °C
<b>Type 2 socket protection</b>	Shutter
<b>Tethered cable (5 m)</b>	Type 1 straight + holder Type 2 straight + holder Type 2 straight with Shutter + holder GB/T + holder
<b>Wireless communications</b>	4G/3G/GPRS/GSM
<b>Pedestal</b>	Painted aluminum support
<b>Compatible with DLM</b>	
<b>Customisation</b>	Logo customisation

\*IK08 in some components appended to the body, i.e., beacon light.

## Models

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<b>AC power supply</b>	1P + N + PE	3P + N + PE	1P + N + PE	3P + N + PE
<b>AC input voltage</b>	230 V AC +/-10%	400 V AC +/- 10%	230 V AC +/-10%	400 V AC +/- 10%
<b>Maximum input current</b>	32 A	32 A	64 A	64 A
<b>Maximum input power</b>	7,4 kW	22 kW	14,8 kW	44 kW
<b>Number of plugs</b>	1	1	2	2
<b>Simultaneous charging sessions</b>	1	1	2	2
<b>Outlet A</b>				
Maximum output current	32 A	32 A	32 A	32 A
Maximum output power	7,4 kW	22 kW	7,4 kW	22 kW
AC output voltage	230 V AC (1P+N+PE)	400 V AC (3P+N+PE)	230 V AC (1P+N+PE)	400 V AC (3P+N+PE)
<b>Outlet B</b>				
Maximum output current	-	-	32 A	32 A
Maximum output power	-	-	7,4 kW	22 kW
AC output voltage	-	-	230 V AC (1P+N+PE)	400 V AC (3P+N+PE)
<b>Connection</b>	1 x Type 2 Socket 	1 x Type 2 Socket 	2 x Type 2 Socket A  B 	2 x Type 2 Socket A  B 

## Standards

IEC 61851-1 and IEC 61851-21-2 (EN 61000-3-12)

IEC 62196-1 and IEC 62196-2

Directives: 2011/65/EU, RoHS; 2014/30/EU, EMC; 2014/35/EU, LVD; 2014/53/EU, RED