



ENELION LUMINA

TECHNICAL SPECIFICATION



Housing	Polycarbonate, powder coating, anodized aluminum*
Ingress protection rate	IP54
Impact protection	IK10
Flammability class	UL94-VO
Charging connector type	<ul style="list-style-type: none"> ENELION LUMINA Socket – Type 2 socket ENELION LUMINA Cable – Type 2 connector with 5.2 m cord
Residual current protection	Embedded residual current monitor - Enelion RCMB 6 mA DC
Energy metering	Integrated 3-phase energy meter > 99% accuracy
Certified electricity meter (MID)	Impulse* – possible to install inside the housing
User interface	<ul style="list-style-type: none"> multi-color LED strip that indicates the status of the device dedicated app connecting station via WiFi AP 2.4 GHz b/g/n
Online communication unit	<ul style="list-style-type: none"> integrated LTE/4G modem Wi-Fi 2.4 GHz b/g/n – direct access point to the station with an option to hide the AP and connect the station to local Wi-Fi network
Minimal signal quality requirements	<ul style="list-style-type: none"> Wi-Fi: -60 dBm GSM: -85 dBm
OCCP	compliance with OCCP 1.6 J protocol
Authorization	<ul style="list-style-type: none"> built-in RFID/NFC reader - Mifare Classic/ ree Charge dedicated app connected via WiFi AP 2.4 GHz b/g/n
Current/Charging power	<ul style="list-style-type: none"> up to 74 kW at 32 A 1-phase up to 22 kW at 32 A 3-phase (TN system)
Charging voltage	3 x 400 V AC/230 V AC (±10%)
Supply voltage	<ul style="list-style-type: none"> 3 x 400 V AC/230 V AC (±10%) (TN/IT) possibility of connecting the cable from the top, bottom and the back of the station
Other features	<ul style="list-style-type: none"> configuration with no additional tools remotely controlled socket 230 V outlet (max. 2000 W/10 A)* remote start / stop, delay and charging schedule temperature and humidity monitoring inside device
Operating temperature	From -30°C to +55°C
Maximum altitude for installation	2000 m
Height	390 mm
Depth	133 mm
Width	155 mm
Weight	3.3-8.9 kg (depending on device version)

Compliance: 2014/53/EU (RED); 2011/65/EU (RoHS); 2014/30/EU (EMC); 2014/35/EU (LVD); UK SI 2016 No. 1101; UK SI 2016 No. 1091; UK SI 2017 No. 1206; UK SI 2012 No. 3032

The following BSI and ETSI technical standards and specifications have been applied:
 ETSI EN 300 328 V2.2.2:2020-03; EN 62196-2:2017-06; EN IEC 61851-1:2019-10; EN IEC 61851-21-2:2021-09; EN 62196-1:2015-05; ETSI EN 301 511 V12.5.1:2017-10; ETSI EN 300 330 V2.1.1:2017-08; ETSI EN 301 489-1 V2.2.3:2020-07; ETSI EN 301 489-17 V3.2.4:2021-05

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