



SMARTPOLE CHARGER

Electric Vehicles charging station.
Combines charging and street lighting. .

alumast®
design a safer world



SMARTPOLE CHARGER

ALUMAST has combined innovative solutions such as composite lighting poles with electric car chargers. SMARTPOLE CHARGER is a two- point charging station for electric cars.

The charger is built into a composite lighting pole. This solution combines charging electric vehicles and lighting function of charging point. Pole made of fiberglass composite can have any colour. Architects and designers can fit the charger to the current aesthetics, so it can become an element that beautifies the public space.

SMARTPOLE CHARGER is a standard charger dedicated to customers who want to raise the standard of their facilities following the general trends related to electromobility ecology.

Additionally, it is a perfect solution for shipping and transport companies who expand their fleet with electric vans.



TECHNICAL PARAMETERS:

Charging station types - EVSPW (mounted in the ground) - EVSPF (with base plate to be mounted on foundation)

Charging socket - one or two charging sockets, Type 2, 2 x 8 kW

Operation status indication - three-color LED indicator

Access granted by RFID authorization or mobile application

Energy measurement - MID meter

Safety - Overcurrent protection (MCB), Class B, Residual Current Device (RCD)

Protection Class - IP54

Mechanical resistance - IK10



ADVANTAGES:

- ✓ Possibility to mount the charger on the existing or new network supplying external lighting
- ✓ Optimal location thanks to the use of lighting poles
- ✓ Raising the standard and image of facility
- ✓ Eco-friendly investment
- ✓ Combination of charging and lighting functions
- ✓ Full safety and ease of use - composite is an excellent insulator
- ✓ Resistance to external factors and vandalism - charger is installed inside the pole
- ✓ No need to request additional power allocation

AREAS OF APPLICATION LIGHTING POLES WITH CHARGING FUNCTION:

car parks, car parks along the streets, hotels, restaurants, airports, stations, parking lots at shopping centers, squares and parking lots for public institutions and enterprises, transfer centers...



HoReCa
industry



Commercial
facilities



Fuel stations



Recreational
facilities



Railway



Infrastructure
of local
government units



Housing estates



INNOVATIVE AND INTERESTING DESIGN

Standard colours included in the offer

RAL 7042 RAL 7035



Possibility to produce poles
in any RAL color

You can create your own design with text,
logo, symbols etc.

Poles can be produced with brand/ name of company of client or
with special graphic design and internal illumination.



COMPOSITE CROSS SECTION



The polyester-glass composite is a dielectric, it does not conduct electricity. During cable insulation damage, moisture or devastation, no voltage will appear on the composite pole surface.

GLASS FABRIC WITH
POLYESTER RESIN

GLASS MAT WITH
POLYESTER RESIN

GLASS MAT WITH
POLYESTER RESIN

GELCOAT



ADVANTAGES OF LIGHTING POLES WITH CHARGING OPTION:



Innovation



Safety



High quality



Theft-proof



Aesthetics



Durability



Eco-friendly



Easy installation

Other products in our offer:

Every pole is available in version mounted in the ground



Please contact us
if you have any questions.
We will be glad to prepare
an offer adjusted to your needs.

alumast[®]

ALUMAST S.A.
ul. Markłowicka 30A
44-300 Wodzisław Śląski
tel. +48 32 453 03 14
export@alumast.eu
www.alumast.eu