



Picture may vary from actual product

## ePlug | eCharge



Flexible and safe  
charging of EVs

Thanks to SKIDATA's future-proof charging system, you can offer excellent service for EV's with manageable investment costs.

### Complete integration

SKIDATA ePlugs (charging boxes) are seamlessly integrated into the Parking.Logic software. Your customers activate the required ePlug at the eSelector (selection station). You keep the overview and full control of your ePlugs in the control center as usual.

### Smart tariff management

Based on Parking.Logic software, offer your customers a wide range of tariff options. The charged energy in kWh or other tariff options, can be paid together with the parking ticket using the payment methods available in your facility.

### High charging capacity

With up to 22 kWh charging power, SKIDATA ePlugs meet the highest demands of modern EVs. In order to distribute the high charging power intelligently, the ePlugs (charging boxes) offer an integrated, local load management. You benefit from reduced total cost of ownership.

### Transparent accounting

Offer your customers complete transparency with exact billing related to the kWh charged. Certified electricity meters create additional trust. Versions for Germany that conform to relevant calibration regulations are also available.

## Properties

- Charging station (ePlug) for 1 electric vehicle with up to 22 kW AC charging capacity
- 1 EN Type 2 charging socket (socket only or socket with shutter)
- Minimized maintenance effort, as customers bring their own charging cable
- Integrated DC residual current detection (6 mA), up to 5 × auto recovery
- Residual current circuit-breaker (FI/RCD Type A) is sufficiently dimensioned for feed line
- Every primary device (P/P+) supports up to 15 secondary devices (S/S+)
- Local load management within primary/secondary charging network (equal distribution mode with current limit)
- MID certified energy meter (P/S versions) or MID incl. compliance to German calibration law (P+/S+ versions)
- Ethernet interface (LSA+® terminals) for permanent system connection
- Visual user guidance through display and colored LED elements (current counter reading, operating status)
- Cable feed from rear or above, allows for easy site cleaning
- High quality and weatherproof materials
- Full support and life-cycle services for SKIDATA devices

## Standard Version

- Advanced charging technology for accurate billing
- 1 charging point with up to 22 kW AC charging capacity, Mode 3 as per IEC 61851-1
- Standard Type 2 socket, 32 A / 400 V AC as per EN 62196-2 and VDE-AR-E 2623-2-2
- Backlit LED dot matrix display (8 positions, up to 20 rotating characters: A-Z, a-z, 0-9)
- Brightness sensor (intermediate trigger for information display)
- LED status bar with four-color sections
- 1 input: charge release via external contact
- 1 output: charging status display or contactor monitoring
- Suitable for wall mounting in indoor and outdoor areas

## Options

### Charging station in three versions (stainless steel)

- Pedestal 'Single' for single-unit installations
- Pedestal 'Double' for back-to-back installation of two units
- Pedestal 'Triangle': triangular shape for double unit installation (ideal for two neighboring parking spaces)

Technical Versions	Socket P+	Socket S+	Socket P	Socket S	Shutter P	Shutter S
Compliant to German calibration law MessEV (Klasse A) for Germany	✓	✓				
MID counter (Class B) for Europe, EFTA, Australia, New Zealand			✓	✓		
Charging socket with shutter and MID counter (Class B) for France, Italy, Z.E. Ready, E.V. Ready					✓	✓
Integration based on Open Charge Point Protocol (OCPP)	✓	✓	✓	✓	✓	✓

Technical Specifications	
ePlug Socket / Shutter dimensions	240 mm × 516 mm × 166 mm / 9.45" × 20.32" × 6.54" (w × h × d)
'Single' / 'Double' pedestal dimensions	425 mm × 1323 mm × 200 mm / 16.73" × 52.09" × 7.87" (w × h × d), including mounting plate
'Triangle' pedestal dimensions	425 mm × 1326.1 mm × 295 mm / 16.73" × 52.209" × 11.62" (w × h × d), including mounting plate
ePlug Socket / Shutter weight	4.8 – 5.0 kg (depending on version)
Pedestal weight	15.0 kg ('Single' / 'Double') / 19.2 kg ('Triangle')
Power consumption / grid configuration	230 / 3 × 230 (400) V, 50Hz, single-phase or triphase, TT / TN / IT
Rated current (configurable)	10 A, 13 A, 16 A, 20 A, 25 A, 32 A (max. 5 × 16 mm <sup>2</sup> )
Temperature range	Up to 16A: -25 °C to +50 °C; up to 32A: -25 °C to +40 °C (no direct sunlight) Automatic power reduction in case of overheating
Humidity	5% to 95%, non-condensing
Color	Casing: RAL 7035 (Light Gray) / RAL 7016 (Anthracite Gray)
Ethernet port	LSA+® terminals
Release input	External dry switching contact, 0.08 - 4 mm <sup>2</sup> spring balancer
Switch contact output	External protective low-voltage <50 V AC, 50/60 Hz; required power limit < 0.5A
Guideline compliance / certifications	MessEV: Klasse A as per EN 50470-1 / -3, Module B (VDE-40050524) & Module D (VDE-40047822) MID counter: Class B as per EN 50470-1 / -3, Module B (VDE-40047821) & Module D (VDE-40047822) CE, Renault Z.E. Ready 1.4D, E.V. Ready
Protection class	I
Degree of protection	IP54
System requirements	Parking.Logic V15 or higher, with Hyper-V capable CPU in Administration Unit (e.g. Control Unit CU-VI) Network infrastructure based on DHCP server or VLAN technology required Minimum of 1 primary ePlug and 1 eSelector (plus licenses) per installation required Each ePlug with OCPP connection requires one ePlug OCPP license