

# ubitricity SimpleSocket for Urban Furniture

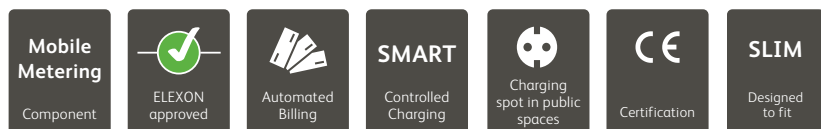
## Type >Chelsea<

3  
Years  
Warranty<sup>5</sup>

Made in  
Germany



The SimpleSocket provides a fully functional charging point. Its dimensions allow for full integration into street lights or other urban furniture.



	SimpleSocket	SimpleSocket <sup>Plus</sup> – additional functions
Functionality	At the SimpleSocket, all charging transactions are authorised by the SmartCable. All charging transactions are recorded down to the kWh by the integrated mobile electricity meter.	The DirectAccess functionality gives users with standard charging cables the opportunity to charge at SimpleSockets. Users with a SmartCable use the SimpleSocket <sup>Plus</sup> just like a normal SimpleSocket.
Authorization / Power Enable	The SimpleSocket is activated by the SmartCable after successful authorization via mobile communication to the backend system.	The SimpleSocket <sup>Plus</sup> can be used by scanning a QR-Code with a mobile device and use a web interface for payment and activation.
Metering / Measuring of Consumption	Consumption is metered by the ubitricity SmartCable. <sup>(1)</sup>	Consumption is measured by the ubitricity SimpleSocket <sup>Plus</sup> with a measuring device. <sup>(1)</sup>
Billing	The amount of energy consumed at the SimpleSocket is billed to the user of the SmartCable. Transaction data is provided online. <sup>(1) (2)</sup>	Pay-as-you-go billing <sup>(6)</sup> after the charging process ends per charged energy in kWh. <sup>(1)</sup>
Data Security / Cryptography	Certificate based authentication is made possible by use of a public key infrastructure (PKI). Communication is encrypted within the system.	
Controlled Charging	Mobile Metering allows for controlled charging processes, enabling future smart grid integration and energy storage. <sup>(3)</sup>	Available only for SmartCable charging events

Technical Information	
Housing	Dimensions: suitable for poles with an inner diameter of > 110 mm in the base and > 67 mm in the shaft Material: polycarbonate, Safety class: IP 54
Installation	Integrated into light poles and urban furniture, different options possible
Protection Technology	Upstream installation of electrical protection (fuse, RCD) delivered as part of the set-up or installed externally
Plug Connection	Type-2 IEC 62196-1/2, with interlock
Charging Capacity	standard max. 5.8 kW (230V, single-phase, 25 A) <sup>(4)</sup>
Charging Mode	Mode 3 IEC 61851-1
Prerequisite	Prerequisite for modification into charging spot is the single switchability of the street light. This can be complemented by installing a ripple control.
Standard	IEC 61851-1:2011

(1) The required legal approval for accurate consumption billing has been granted.  
 (2) Prerequisites for automated billing are a contract between an energy supplier and the user of mobile electricity, as well as a service contract between the charging point provider and ubitricity.  
 (3) Prerequisite for controlled charging is a mobile reception in the vicinity of the SimpleSocket.  
 (4) The max. capacity may be reduced due to conditions on the grid connection side.  
 (5) In accordance with the ubitricity warranty declaration: [ubitricity.com/en/warranty](http://ubitricity.com/en/warranty)  
 (6) Additional timebased or plugin fees are possible.



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