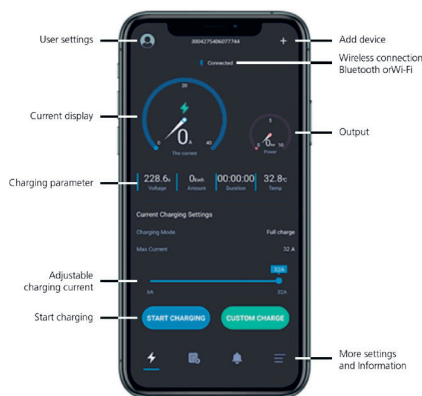


charging station for  
electric and hybrid  
vehicles featuring  
charging socket

## TELESTAR EC 311 S



### Start Screen

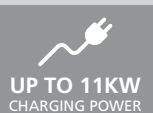


### History / evaluation



The TELESTAR EC 311 S is a three-phase charging station. It is suitable for charging electric and or hybrid vehicle featuring a maximum output of 11kW at 16A. The charging process is controlled via and displayed on a 3.5" LCD color display (touch screen) and can also be

monitored and controlled via smart phone application (free to download for iOS & Android). The EC 311 S' small yet elegant housing is heat-resistant and meets the requirements of protection class IP 66 making it fit for indoor and outdoor installation.



### HIGHLIGHTS

- Charging mode 3 (IEC 61851)
- Charging socket type 2
- Charging power: 11 kW
- Charging current: 16A per phase (one-phase-charging supported)
- Residual current device featuring DC current detection: 30 mA AC + 6 mA DC
- Activate and control charging process via smart phone application (available for iOS & Android devices)
- IP 66 compliant - suitable for outdoor installation

### INPUT / POWER CONNECTION

- Power connection: 3-phase AC
- Mains voltage: AC 230/400V +/- 10%, 50/60Hz
- Nominal current: max. 16A per phase

### OUTPUT / VEHICLE CONNECTION

- Charging type: Mode 3, IEC-61851
- Charging connection: IEC-62196 type 2 charging-socket
- Output voltage: AC 230/400V
- Maximum charging current: 16A per phase
- Maximum charging output: 11kW
- Energy meter: readable via app

### FUSING

- DC fault current detection:  $\geq 6$  mA
- Temperature monitoring: Internal
- Weld check recognition
- PE monitoring
- Overvoltage protection
- Undervoltage protection
- Overload protection
- Short circuit protection
- Overheating protection
- Lightning protection
- Fault current protection with DC identification: 30mA AC + 6mA DC

### COMMUNICATION PROTOCOL

- Network: WiFi/Bluetooth

### AUTHORISATION

- Approval: via app
- OPERATING CONDITIONS
- Ambient storage temperature: -40°C to 85°C
- Ambient operating temperature: -25°C to 55°C
- Relative humidity: 0% to 95%
- Maximum operating height: 2,000m above sea level
- Protection class: I
- Protection type: IP 66
- Shock resistance: IK 10



TELESTAR-DIGITAL GmbH  
Am Weiher 14  
D-56766 Ulmen/GERMANY

Telefon +49 - (0) 26 76 / 9 52 00  
Telefax +49 - (0) 26 76 / 9 52 01 00  
E-mail Verkauf@telestar.de

### Scope of delivery

- TELESTAR EC 311 S, mounting kit for wall installation, user manual

### device (WxHxD)

dimensions (cm)	20 x 44 x 10.5
weight	4.3 kg

EC 311 S  
Item No.: 100-300-0



4 024035 100302