





Smart, safe and convenient charging.

Interconnected e-bike charging stations from Spelsberg.

As a result of the energy crisis and efforts to reduce O₂ emissions, the LEV (Light Electric Vehicles) market is experiencing a real boom. E-bikes offer healthy and environment-friendly mobility for all and are an important part of modern mobility solutions. Many sectors have now recognised this development and have actively responded by implementing a charging infrastructure. **There are currently around 9 million e-bikes on Germany's streets and the trend continues. It is expected that in 2027 one in two bicycles will be an e-bike.**

Enhance the attractiveness of your location with our BCS charging stations and extend your portfolio with a service to delight your visitors.

Thanks to the new BCS (bike charging station) it is no longer necessary to take a charging device with you.

The advantages in a nutshell

- The first interconnected and smart e-bike (LEV) charging station on the market
- Remote control, monitoring and statistical analysis
- Cost control thanks to low power consumption using fused sockets (output reduced to approx. 500W)
- Third-party charging of heavy consumers (e-cars, etc.) is prevented
- Energy consumption measurement that can be used in the energy balance (ISO 50001)
- Reduction in CO₂ balance
- Convenient charging with no safety concerns
- Simple and rapid installation
- Close association with branded manufacturers (Bosch/Shimano)
- Charging cables with proven suitability for outdoor use



The connection-ready BCS e-bike charging station is used throughout Europe

- Rail companies and communes
- Chain operators (hotels, discounters, pharmacies, etc.)
- Cafés, bars and restaurants
- Companies (SMEs and industry)
- Tourism sector

A comparison of the models

PURE

SMART



Charging characteristics	
Number of charging points	4
No charging device necessary	✓
Integrated connector systems	Bosch/Shimano
Charging point status display	✓
Number of sockets	2 x Schuko sockets 230V
Cable system	Permanently mounted, 2.5 m
Monitored + controlled charging	✓
Smart management portal	
Management/monitoring	-
Energy management	-
Control/statistics	-
Technical characteristics	
Safety cut-out	✓
Ready for connection 230V/400V	✓
Operating temperature	> 0°C to <+40°C *
Fuse	16A (building side)
IP/IK protection class	IP54/IK08

PURE	
Order No.:	581 122 01

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Cable system	Permanently mounted, 2.5 m
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Smart management portal (Inc. 2 year user licence upon purchase)	
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Energy management	✓
Control/statistics	✓
Technical characteristics	
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SMART	
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* Use only in protected outdoor areas and shield from direct sunlight (recommendation from the battery manufacturer)

At a glance

The BCS management portal with a wide range of options

The web-based portal for the BCS e-bike charging station from Spelsberg offers you a wide range of options as the operator of one or more charging stations.

- Management
- Monitoring
- Energy management
- Control
- Statistics
- Branch organisation



The management portal provides an overview of all installed BCS Smart charging stations.

- > How many charging processes have been carried out and when?
- > How many e-bikers use a location?
- > Is maintenance required?
- > Activation and deactivation of the e-bike charging station.
- > Cost control through energy consumption measurement

The BCS portal provides a fast and clear overview of these and other points. This provides you with an understanding of the status of the charging stations and user behaviours. The management portal is made available upon introduction of the BCS Smart e-bike charging station.

**BCS videos are now available
at spelsberg.de/youtube**



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