

**WBC-P-8BK-50****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Battery storage systems are playing an increasingly important role in the field of renewable energies. They usually consist of several individual batteries that need to be quick and easy to replace. The Weidmüller Battery Connector (WBC) makes it possible to connect several individual batteries to an ESS in just a few simple steps – and to disconnect the connections just as quickly if required. For more safety and easy handling, the poles are clearly marked: The positive pole in orange and the negative pole in black.

**General ordering data**

Order No.	<a href="#">2905370000</a>
Type	WBC-P-8BK-50
GTIN (EAN)	4099986026032
Qty.	5 pc(s).

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## Technical data

## Dimensions and weights

Net weight	45 g
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## Temperatures

Continuous operating temp., min.	-40 °C	Continuous operating temp., max.	125 °C
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## General Data

Approvals	UL 4128	Colour	black
Conductor cross-section, max.	50 mm <sup>2</sup>	Contact diameter, male Ø	8 mm
Material	PA 66	Outer cable diameter, max.	13.2 mm
Outer cable diameter, min.	12.5 mm	Surface finish	silver
Type	Female	Type of connection	Crimp connection

## Technical Data

Plugging cycles	≥ 100	Protection degree	IP67 plugged
Rated current	200 A	Rated voltage	1,500 V
UL 94 flammability rating	V-0	Volume resistance	≥ 5000 MΩ

## Classifications

ETIM 7.0	EC001121	ETIM 8.0	EC001121
ETIM 9.0	EC001121	ECLASS 10.0	27-44-03-12
ECLASS 11.0	27-44-03-12	ECLASS 12.0	27-44-03-12
ECLASS 13.0	27-44-03-12		

## Approvals

Approvals



UL File Number Search	UL Website
Certificate No. (UR)	E529699

## Downloads

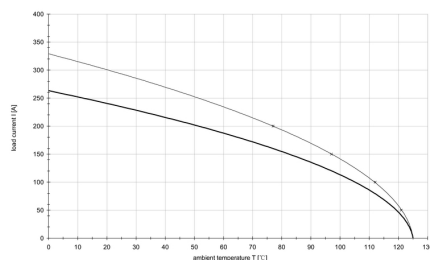
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Suitable Tools for WBC Battery Connector</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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# Drawings



## WBC-P-8BK-50

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## Accessories

## Tools

**Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts**

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm<sup>2</sup>
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

## General ordering data

Type	EPG 45	Version
Order No.	<a href="#">1500830000</a>	Pressing tool, 6mm <sup>2</sup> , 150mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent
GTIN (EAN)	4050118309317	crimp, Trapezoidal crimp, Oval crimping
Qty.	1 pc(s).	

## ... for crimp cable lugs (acc. to DIN 46234)

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- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

## General ordering data

Type	ES EPG 45 DIN 35	Version
Order No.	<a href="#">1501350000</a>	35mm <sup>2</sup> , Indent crimp
GTIN (EAN)	4050118309645	
Qty.	1 pc(s).	