

DBL-Series

Battery chargers for vehicle production and workshop



Deutronic Charging Technology
for vehicle production and workshop

Modern vehicles have a large number of electronic components. The resulting energy demand places the highest demands on batteries and charging technology. To ensure that vehicle batteries can be handed over to the customer in perfect condition, Deutronic offers solutions to protect the vehicle battery.

The DBL series stands for powerful industrial chargers for industrial manufacturing use on the production line, for rework stations as well as for use in the workshop area.

As technology and market leader for automotive battery charging systems, these are used by leading car manufacturers worldwide.

Power



DEUTRONIC 
EDWANZ group

DBL-Series

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Advantages

- ✓ Pb / Li charging modes, suitable for all types of 12V lithium (LiFePO₄) and lead-based (wet chemical, Ca/Ca, AGM, EFB, GEL) batteries
- ✓ Modes:
 - AutoMode: Automatic detection external power supply, charging
 - AutoDetect: Automatic Pb/Li-detection
 - Cable compensation
 - PowerUp: Mode to connect deeply discharged LiFePO₄ batteries again
 - HoldAndBuffer: Takeover of the charging components with parallel supply e.g. DC/DC converter in the vehicle
- ✓ Quality and reliability based on decades of experience
100% safe for on-board electronics and airbags
Extensive protection for device, vehicle and employees
Extremely durable design with fanless housing
- ✓ Individualization and flexibility
Customer-specific software and charging parameters
Interconnectivity with DC Connect

Technical data

Type	Output power	Input voltage	Output voltage	Max. output current
DBL800-58-M	800W	100–240VAC	max. 58VDC	11A/14A Boost
DBL1200-14	1200W	100–240VAC	14,4/13,2VDC	80A/90A Boost
DBL1200-14-B	1200W	100–240VAC	14,4/13,2VDC	80A/90A Boost
DBL1200-28	1200W	100–240VAC	28,8/26,4VDC	40A/45A Boost
DBL1200-28-B	1200W	100–240VAC	28,8/26,4VDC	40A/45A Boost
DBL1600-14	1600W	100–240VAC	14,4/13,2VDC	90A/105A Boost
DBL1600-14-B	1600W	100–240VAC	14,4/13,2VDC	90A/105A Boost
DBL1200/3W-14-B-HAN	1200W	3AC 380–500VAC	14,4/13,8VDC	80A/90A Boost
DBL1600/3W-14-B-HAN	1600W	3AC 380–500VAC	14,4/13,8VDC	90A/105A Boost
DBL1800/3W-14-B-HAN	1800W	3AC 380–500VAC	14,4/13,8VDC	100A/120A Boost
DBL2250/3W-14-HAN	2250W	3AC 400VAC	14,4/13,8VDC	100A/150A Boost
DBL3000/3W-14-HAN	3000W	3AC 400VAC	14,4/13,8VDC	150A/200A Boost



Deutronicstraße 5 | D-84166 Adlkofen/Germany | Tel. +49 8707 920-0
E-Mail: sales@deutronic.com | www.deutronic.com

