

D-IBM2900

Mobile application with transport system



Deutronic Charging Technology
for the mobile application

In the age of Industry 4.0, industrial process landscapes are subject to continuous adaptation to always ensure maximum efficiency. Our three-phase energy buffer system ensures the necessary flexibility exactly where the corresponding demand exists. Exemplary applications include the energy supply at automotive rework stations or the provision of energy for vehicle fleets. With the appropriate charging trolley, even non-stationary outdoor applications can be realized. In combination with the three-phase DBL chargers developed in-house, fail-safes increase significantly, while flexibility is increased at the same time.

Power



DEUTRONIC 
EDWANZ group

D-IBM2900

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Advantages

- ✓ Mobile loading unit enables flexible supply in vehicle fleets or in rework stations
- ✓ Use as part of continuous improvement processes or short-term adaptations
- ✓ Backup solution to avoid delays in the industrial environment
- ✓ Autonomous battery system with internal BMS (single cell monitoring) and emergency stop
- ✓ Inspection opening for safe separation of battery packs for storage and prevention of deep discharge
- ✓ Two redundant safety shutdowns with a 1 kV isolation voltage
- ✓ Rugged construction meets protection class I requirements
- ✓ Compatibility with Deutronic DBL three-phase chargers (DBL1200/3W, DBL1600/3W and DBL1800/3W)

Technical Data

Type	Input Voltage	Output Voltage	Output Current	Output Power	Nominal capacity
D-IBM2900-1AC	95–240VAC wide range	410–550VDC	Max. 5A	Max. 2.5 kW 1 kW permanent	2900 mAh



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