

D-IBM2900

Use in manufacturing plants



Deutronic Charging Technology
for use in manufacturing plants

The design of manufacturing plants in the age of Industry 4.0 and Just-in-Sequence is becoming increasingly complex and existing plants are also part of continuous improvement processes. The trade-off between maximum efficiency and monetary budgets must be managed.

Our three-phase energy buffer system acts as a reliable power supply in plant areas where a stationary supply is difficult or costly. The mobile charging unit can also be retrofitted into existing systems and is compatible with the DBL three-phase chargers developed in-house. Thus, for example, during line changes in production, the uninterrupted vehicle supply can be ensured at all times. This increases flexibility considerably and at the same time the use of the D-IBM2900 is an important step towards risk mitigation to avoid downtimes.

Power



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D-IBM2900

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Advantages

- Ensuring an uninterrupted power supply in the industrial plant area, with simultaneous downtime reduction – also as a backup solution
- Flexible use in the context of continuous improvement processes or short-term adaptations
- 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 3AC	3 x 200–500VAC with tolerance range 187–550VAC	410–550VDC	Max. 5A	Max. 2.5 kW 1 kW permanent	2900 mAh



Deutronicstraße 5 | D-84166 Adlkofen/Germany
Tel.: +49 8707 920-0 | Fax +49 8707 1004
E-Mail: sales@deutronic.com | www.deutronic.com

