

# Pack battery factory production management system

12.8V6Ah



Nominal voltage (V):12.8  
Nominal capacity (ah):6  
Rated energy (WH):76.8  
Maximum charging voltage (V):14.6  
Maximum charging current (a):6  
Floating charge voltage (V):13.6~13.8  
Maximum continuous discharge current (a):10  
Maximum peak discharge current @10 seconds (a):20  
Maximum load power (W):100  
Discharge cut-off voltage (V):10.8  
Charging temperature (°C):0~+50  
Discharge temperature (°C): -20~+60  
Working humidity: <95% R.H (non condensing)  
Number of cycles (25 °C, 0.5c, 100%dod): >2000  
Cell combination mode: 32700-4s1p  
Terminal specification: T2 (6.3mm)  
Protection grade: IP65  
Overall dimension (mm):90\*70\*107mm  
Reference weight (kg):0.7  
Certification: un38.3/msds



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### Module and pack production

The aim of Fraunhofer FFB is to support manufacturers of battery modules and packs in the development of products that meet requirements. We achieve this by shortening innovation cycles ...

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### Assembly line for battery modules and battery packs

For cell/module pack assembly, PIA Automation offers flexible and highly automated systems for the efficient production of battery cells, modules, and battery packs. These systems are scalable, ...



### Battery Pack Manufacturing Process

Learn the complete battery pack manufacturing process, from cell selection to final assembly.

## Battery Assembly Line Design, Build, and Scaling

Re:Build Battery Solutions helps manufacturers scale battery production with confidence. From prototype development to full-scale pack production, we provide turnkey solutions that reduce costs, ...



## Ultimate Guide to Pack Battery Factory Planning: Key Steps

Planning a battery pack factory requires precision, industry expertise, and future-ready strategies. This guide explores critical aspects of battery factory design, emerging trends in energy storage systems, ...

## Battery Pack Manufacturing Process: Step-by-Step Guide

The final step in the battery pack manufacturing process is the application of the Battery Management System, commonly referred to as BMS. This crucial system plays a pivotal role in ...



## Battery manufacturing , Beckhoff Worldwide

Our control technology enables end-to-end automation of all processes in

battery manufacturing: from electrode production to module and pack assembly. PC-based control offers advantages for all ...



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## Production Process of Battery Modules and Battery Packs

Based on the guide Production Process of Lithium-Ion Battery Cells, this document



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## Lithium-ion Battery Module and Pack Production Line Process Flow

The lithium-ion battery module and pack production line is a complex system consisting of multiple major units and associated equipment that work in concert to achieve high quality lithium-ion ...



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## Module and pack production

Based on the brochure "Production process of lithium-ion battery cells", this

brochure presents the process chain for the production of battery modules and battery packs.



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