



Huawei battery pack temperature requirements





Overview

Huawei recommends 16°C–22°C for ideal lithium-ion battery operation. This range balances electrochemical stability with minimal electrolyte viscosity. About Huawei
Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices. Batteries should be upright when being stored. The battery packs shall be charged. Move the equipment in compliance with the corresponding requirements, as shown in the following figure: Issue 01 (2021-12-23) Copyright © Huawei Digital Power Technologies Co. You can scan the QR code to view the quick guide of the product. If it is deemed safe, professionals should use fire suppression . Battery modules shall be stored at an ambient temperature ranging from 0°C to 60°C.



Huawei battery pack temperature requirements



Huawei Technical Support

Huawei Technical Support

ESS-240V12

Ambient temperature: -15°C to $+50^{\circ}\text{C}$
Recommended ambient temperature: $20-30^{\circ}\text{C}$
Recharge temperature: $5-40^{\circ}\text{C}$ Relative humidity:
 $\leq 95\%$ RH In a dry and clean place with proper ventilation ...



Dry, clean, and well-ventilated Battery

If a battery pack is damaged or deformed after being dropped, evacuate personnel immediately, contact onsite professionals for evaluation and handling, and contact Huawei technical support.



[HUAWEI ESS-240V12-9AHBPVBA04 QUICK MANUAL Pdf Download](#)

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Dry, clean, and well-ventilated Ambient temperature: -40°C to +60°C (0°C to 40°C recommended) Separate storage



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Page 8 When a battery is faulty, the temperature may exceed the burn threshold of the touchable surface. Therefore, avoid touching the battery. Do not disassemble or damage the battery.



Battery Module Storage Requirements

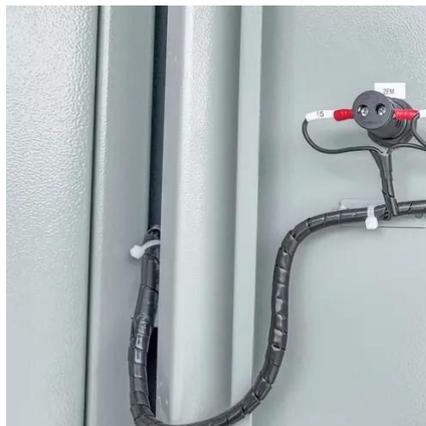
Battery modules shall be stored at an ambient temperature ranging from 0°C to 60°C. It is recommended that the humidity and heat be constant to avoid condensation.



[Huawei battery pack temperature requirements](#)



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[Huawei LUNA2000-5-15-S0 Battery Data Sheet](#)

Charge/discharge derating occurs when the operating temperature from -20°C to 5 °C. & 45°C to 55°C. Refer to battery warranty letter for conditional application. Storage system is ordered ...

Battery Module Storage Requirements

It is recommended that the humidity and heat be constant to avoid condensation. The recommended storage temperature ranges from 20°C to 30°C. The packing cases of battery ...





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