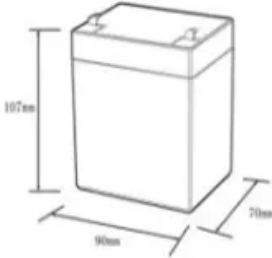
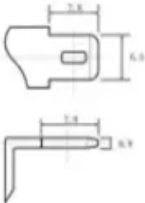


The role of cabinet-type energy storage system in Nigeria

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





Overview

Power Fluctuation Management: Given the insufficient grid coverage and unstable power supply in Nigeria, the storage cabinet is designed to provide instant backup power during grid outages, ensuring uninterrupted operation of critical equipment and enhancing the site's energy self-sufficiency.



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ies develop a low-carbon electricity system (EU, 2012 and IEC, 2011). Energy storage can supply more flexibility and balance to the grid, providing a back-up to intermittent renewable energy. ...

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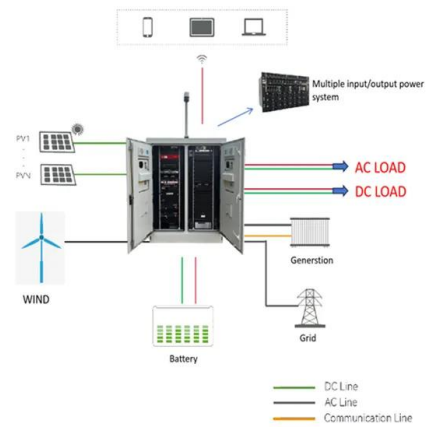
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