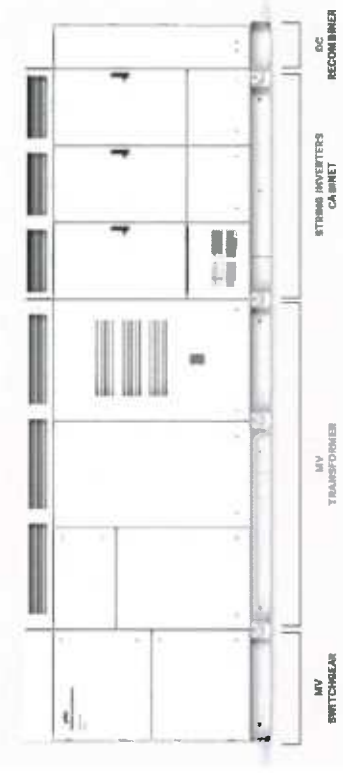




Major Battery System Components

Battery Inverter

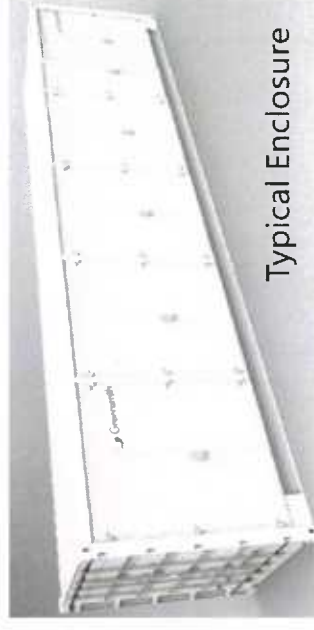
- Converts battery Direct Current to Alternating Current
- Includes dry-type transformer (no oil)
- No liquids or chemicals



Battery Cells, Modules and Enclosure

- Lithium ion cell technology
- Enclosure tested to IP56 / NEMA-3R
- Integrated fire suppression and controls

Typical Battery Module



Safety systems

- Configurable safety systems based on fire response strategy and environmental factors
- Waterless Novec 1230 fire suppression system (evaporating fluid)
 - Sustainable clean agent (not an HFC)
- Alternative fire suppression approaches can be implemented (e.g. inert gas)



Example of Battery Storage System



TEP Iron Horse Project (Battery integrator: Greensmith with EON)

Typical Energy Storage Enclosure Detail

