



Application Example-Modular Energy Storage System (ESS)



- Market Segment: **Industrial, On and Off grid power systems.**
- Application: **Modular Energy Storage System (ESS), off grid, insulated within an 8-ft. storage container that protects it from harsh elements, Controlled and monitored by intelligent energy management system, can be tailored to any energy setup. the consumer gets Uninterrupted Power Supply (UPS) with stable voltage and frequency.**
- DC/DC Requirements (for the energy management system) :
 - Input: **9-36VDC :Battery** is the input power source (off grid).
 - Output: **24V/1000W**: system main DC bus, driving loads such as: touch display, data monitoring system, Ethernet, GPRS/SATCOM act..
 - Form : **PCB Mounted.**
 - Operating temp (ambient): -10c to +55c
- Designed in Calex module, P/N: **24S24.42FXW (ROHS)**
<https://www.calex.com/pdf/fxw.pdf>

