

# VAULT

# PULZE™



Vault PUL-900K-RC is Pulze's new container battery this powerful system delivers up to 921.6 kW, housed in a 10ft container that allows personnel entry for maintenance. Equipped with advanced air conditioning for optimal thermal management, it features robust safety mechanisms, including a fire extinguisher. Ideal for high-demand applications, this modular and scalable solution ensures reliable and efficient power delivery.

## Modular and Scalable

Designed for modularity and scalability, this battery system can be easily expanded or integrated with existing setups to meet increasing energy demands.

## Smart Operations and Maintenance

The containerized design simplifies installation and maintenance, reducing downtime and costs associated with upkeep.

## Compact and Accessible Design

Housed in a 10ft container, the system offers substantial energy storage while allowing personnel to safely enter the container for inspection and maintenance

## Intelligent Air Cooling

Equipped with advanced air conditioning, the container ensures optimal air circulation and thermal management, maintaining performance and safety under demanding conditions.

## System Technical Specification

DC Data	PUL-300K-100C	PUL-900K-300C
Battery Chemistry	Lithium Ferrous Phosphat(LiFePO <sub>4</sub> )	
Cell Life Cycle	5000 Cycles 0.5C @ 25°C 90% DOD	
Cell Specification	3.2V 100Ah	3.2V 300Ah
Battery Configuration	1P240S	1P240S
No of String	4 (Each string 768V 100Ah)	
DC rated Capacity	307kWh	921kWh
Rated Voltage	768V	
Voltage Range	696V ~ 876V	
BMS Communication Interface	RS485,Ethernet	
BMS Communication Protocol	Modbus RTU, Modbus TCP	
<b>General Data</b>		
Dimension(L*W*H)	10ft X 8ft X 8ft 6in	
Weight <sub>(approx.)</sub>	5 Ton	
Degree of protection	IP54	
Operating Temperature	-20°C ~ 40°C	
Relative Humidity	0-95%(Non Condensing)	
Altitude	3000m	
Cooling Concept	HVAC	
Communication Interfaces	RS485, Ethernet GPRS	
Fire Fighting	Aerosol	