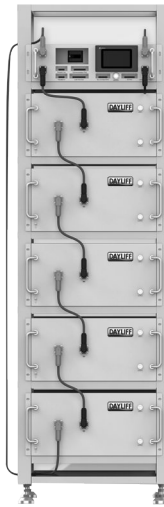




DLIP

ESS High Voltage Lithium Iron Battery



1 Rack Battery Set up



2 Rack Battery Set up

Dayliff ESS HV High Voltage Lithium-Ion Batteries are a high-performance, scalable battery storage solution. The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications. Matched to the Dayliff Ultraverter HV High Voltage Hybrid storage inverters principal applications are for solar power system storage and mains power supply backup. They offer many benefits including enhanced power output, considerably extended life and cooler operation in high temperatures and are especially suited to high specification installations. Additional batteries can be installed in series, allowing for a maximum storage capacity of 348.1kWh (100Ah series) and 706.5kWh (200Ah series). Installation is easy, with a plug and play solution that can save valuable time for installers. Particular Benefits Include:

- 100Ah Series: Minimum cluster 20.4kWh, single cluster 87kWh, scalable to 348.1kWh using one Control Box
- 200Ah Series: Minimum cluster 46.1kWh, single cluster 176kWh, scalable to 706.5kWh using one Control Box
- 6000 cycles @ 80% DOD, 25°C
- 100% Depth of Charge or Discharge
- Wide Temperature Tolerance
- CAN/RS485 Communication
- High Voltage range
- Low self-discharge rate of 3% per month
- Maintenance free, totally safe and environmentally friendly

The Dayliff ESS HV High Voltage Lithium-Ion Batteries are suitable for small and medium-sized commercial and industrial solutions. In every aspect of performance Lithium Iron Phosphate batteries offer a much superior solution and deliver the more economical long term outcome due to their greatly increased life, consistent power output and better charge/discharge performance. For high specification systems where enhanced performance is demanded and reliability is essential they are the preferred choice.

TECHNICAL DATA

Model	Specification	Storage Capacity (kWhrs)	Installation Configuration	Max. Charge Current (A)	Max. Discharge Current (A)	Dimensions(mm)			Weight (Kgs)
						Length	Width	Height	
DLIP-10048HV	51.2VDC 100AH	5.1	Rack Mount	100	100	442	133	520	52
DLIP-20048HV	38.4VDC 200AH	7.7		150	150		222		77