

SOLUNA

POWER DESIGNED FOR NIGHT AND DAY

HV Ultra



TECHNICAL SPECIFICATIONS

	HV Ultra 7.68K module
Cell technology	LFP
Dimensions (W*D*H)(mm)	710*149*440
Weight	62
Number of Modules	1
Total Energy Capacity(kWh)	7.68
Usable Energy Capacity(kWh)	6.91
Battery Capacity(Ah)	100
Usable Voltage Range(V)	67.2-84
Nominal Voltage(V)	76.8
Nominal Charge/Discharge Current (A)	50/50
Max Charge/Discharge Current(A)	50/100
Short circuit current (A)	<3000
Nominal Charge/Discharge Power (kW)	3.84
Max Charge/Discharge Power (kW)	3.84
Recommend Depth of Discharge	80%
Max Depth of Discharge	90%
Round-Trip Efficiency	≥95%
Cycle life @ 25°C(under standard charge and discharge conditions)	≥8000
DC Disconnect	Contactor / Fuse
Operating Temperature(Recommended)	15-30 ℃
StorageTemperature	-20-60 ℃
Humidity	5%-95%
Altitude	Max.2000m
Cooling Strategy	Natural Convection
Production Certificates	IEC62619 & CE
Transportation	UN38.3
Ingress Rating	IP65
Warranty	Please refer to SOLUNA WARRANTY CONDITIONS

KEY FEATURES

 Active Balancing

 Self heating

 Aerosol fire protection

 Cycle life≥8000 times

