



APLS LV BATTERY

ALPS LV Battery

Long life LiFePO4 cell.

Max. parallel 5 PCS, 25.6kWh.

6000+ cycles support.

Wall or floor mounting.

Self-developed BMS, intelligent ensure the safe battery working.

Mainstream inverter matching support.

Model	ALPS BA5.2
Battery Modules	
Cell Type	LFP
Battery Energy	5.12kWh
Cell Capacity	100Ah
Nominal Voltage	51.2V
Nominal Current	100A
Maximum Continuous Charging And Discharging Current	100A/100A
Cycle Life ¹	6000
DOD(depth Of Discharge)	93%
General Data	
Dimensions(WxHxD)	480x134x505(mm)
Weight	46±2kg
Charging Temperature	-0 ~ 55 C
Discharging Temperature	-10 ~ 55 C
Storage Temperature	46 C ~ 55 C @7day SOC≥30% 36 C ~ 45 C @6months SOC≥30% -20 C ~ 35 C @1year SOC≥50% (Perform Maintenance Every 6 Months)
Storage Humidity	5-95% RH
Maximum Operating Altitude	2000m (Derating Above 2000 m)
Cooling	Natural
BMS Communication	CAN/RS485
Installation	Rack Mounted / Ground Mounted
Ingress Protection	IP20(battery & Electricity)
PACK Certification	CE, UN38.3, MSDS, IEC 62619, UKCA, SABS EMC CoC
Warranty	5 Years

Remarks¹: Test condition at 25 C ±2 C, 0.5C/0.5C, 90%DOD

