

ALP LV Battery System

- Flexible capacity options, 5kWh to 40kWh
- Excellent safety of cobalt free LiFePO4 battery
- Easy installation with modular and stacked design
- IP66 Suitable for indoor and outdoor use



P O W E R
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Datasheet	ALP 5.0~40.0L LV Battery System							
System Data								
Parallel number	1	2	3	4	5	6	7	8
Model	ALP5.0L-E1	ALP10.0L-E1	ALP15.0L-E1	ALP20.0L-E1	ALP25.0L-E1	ALP30.0L-E1	ALP35.0L-E1	ALP40.0L-E1
Nominal Energy	5kWh	10kWh	15kWh	20kWh	25kWh	30kWh	35kWh	40kWh
Rated Energy	4.6kWh	9.2kWh	13.8kWh	18.4kWh	23kWh	27.6kWh	32.2kWh	36.8kWh
Nominal Capacity	100Ah	200Ah	300Ah	400Ah	500Ah	600Ah	700Ah	800Ah
Rated Capacity	90Ah	180Ah	270Ah	360Ah	450Ah	540Ah	630Ah	720Ah
Nominal Voltage	51.2V							
Voltage Range	46.4~57.6V							
Rated Current	75A	100A	100A	100A	100A	100A	100A	100A
Max Current	90A	125A	125A	125A	125A	125A	125A	125A
Rated Power	3.7kW	5kW	5kW	5kW	5kW	5kW	5kW	5kW
Max Power	4.5kW	6.2kW	6.2kW	6.2kW	6.2kW	6.2kW	6.2kW	6.2kW
DoD	90%							
Operating temperature	0°C~50°C							
Dimensions*1	690/185/295mm	690/185/590mm	690/185/885mm	690/185/1180mm	690/185/1475mm	690/185/1770mm	690/185/2065mm	690/185/2360mm
Weight*2	44Kg	88Kg	132Kg	176Kg	220Kg	264Kg	308Kg	352Kg
IP Rating	IP66							
Storage temperature	- 20°C~50°C/7days; - 20°C~40°C/6 months;95%RH							
Cooling Method	Natural cooling							
Installation method*3	Floor/Wall mount (Max. two)							
Cell Type	LFP							
Communication Method	CAN							
Scalability	Max.8 PACKs in parallel							
IEC62619, IEC63056, IEC 62040, UL1973, CE+FCC, UKCA, UN38.3, ROHS, AU-CEC								

* 1 Height dimension does not include base.

* 2 Weight without base.

* 3 Floor installation requires extra base