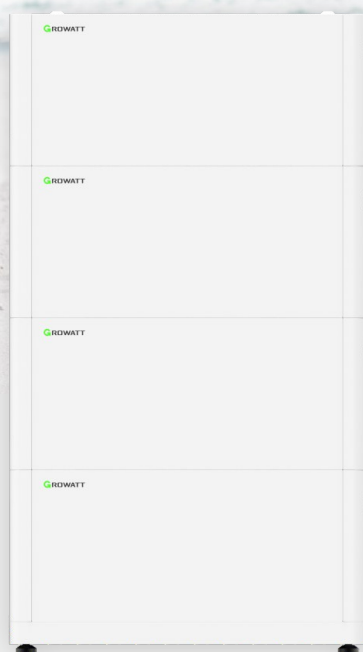


# ALP LV Battery System (AU)

ALP 5.0L-E1

- Flexible capacity options, 5kWh to 50kWh
- Excellent safety of cobalt free LiFePO4 battery
- Easy installation with modular and stacked design
- IP66 Suitable for indoor and outdoor use



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# Datasheet

ALP 5.0L-E1

ALP 10.0L-E1

ALP 15.0L-E1

ALP 20.0L-E1

ALP 25.0L-E1

ALP 30.0L-E1








ALP 35.0L-E1

ALP 40.0L-E1

ALP 45.0L-E1

ALP 50.0L-E1

## System Data

System demo										
Parallel number	1	2	3	4	5	6	7	8	9	10
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	ALP45.0L-E1	ALP50.0L-E1
Nominal energy	5kWh	10kWh	15kWh	20kWh	25kWh	30kWh	35kWh	40kWh	45kWh	50kWh
Rated energy	5kWh	10kWh	15kWh	20kWh	25kWh	30kWh	35kWh	40kWh	45kWh	50kWh
Nominal capacity	100Ah	200Ah	300Ah	400Ah	500Ah	600Ah	700Ah	800Ah	900Ah	1000Ah
Rated capacity	100Ah	200Ah	300Ah	400Ah	500Ah	600Ah	700Ah	800Ah	900Ah	1000Ah
Nominal voltage	51.2V									
Voltage range	46.4~57.6V									
Rated Charging /discharging current	75A	100A								
Max Charging /discharging current	80A	125A								
Rated Charging /discharging power	3.5kW	5kW								
Max Charging /discharging power	4kW	6.2kW								
DoD	100%									
Operating temperature	-10°C~50°C									
Dimensions* <sup>1</sup>	690/185/295mm	690/185/590mm	690/185/885mm	690/185/1180mm	690/185/1475mm	690/185/1770mm	690/185/2065mm	690/185/2360mm	690/185/2655mm	690/185/2950mm
Weight* <sup>2</sup>	44Kg	88Kg	132Kg	176Kg	220Kg	264Kg	308Kg	352Kg	396Kg	440Kg
IP rating	IP66									
Storage temperature	Temperature:-20°C~25°C/12months 25°C~35°C/9months 35°C~50°C/6months Humidity:5%~95%RH									
Cooling method	Natural cooling									
Installation method* <sup>3</sup>	Floor/Wall mount									
Cell type	LFP									
Communication method	CAN									
Scalability	Max.10 PACKs in parallel									
Warranty	10 years									
Country of manufacture	Made in China									

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