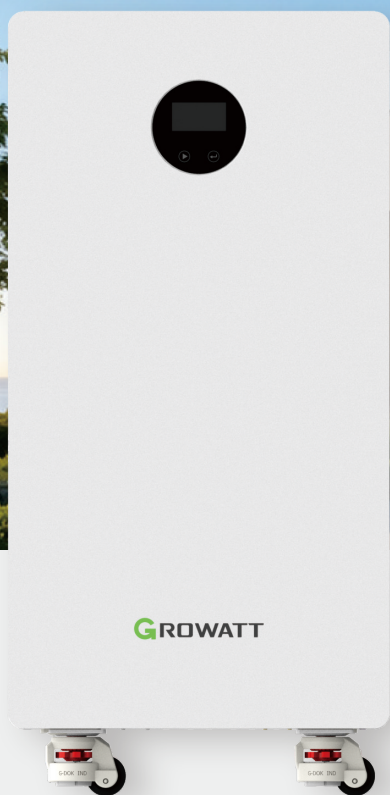


ALP 18.0L-B1

- Flexible capacity from 17.6kWh to 844kWh
- Max. charge/discharge current up to 280A
- Built-in aerosol fire suppression for enhanced safety
- IP65-rated protection



Preliminary Version

P O W E R
- I N G
T O M O R R O W
R R O W

GROWATT

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Datasheet	ALP 18.0L-B1
System data	
Battery type	LiFePO4
Nominal voltage	51.2V
Cell capacity	345Ah
Normal capacity	17.6kWh
Usable capacity	17.6kWh
Operating voltage	43.2~57.6V
Peak. Charge/Discharge current	240A(@25°C, 3s)/280A(@25°C, 3s)
Max. Charge/Discharge current	160A/200A
DOD	100%DOD
General	
Safety Protection	Built-in aerosol fire extinguisher
Dimension (W/H/D)	470/967/245mm
Weight	120kg
Installation	Floor-standing
Altitude	<2000 m
IP Protection	IP65
Operating temperature	Chg/Deg: 0~60°C
Storage temperature ^①	-20 ~ 55°C
Features	
Cycle life ^②	≥10000 (@25°C, 0.5C, 100% DOD.)
Cooling	Natural cooling
System connection	Max. 48 pcs in paralle
Communication port	CAN/RS485
Warranty	10 years

① Suggested storage temperature is -10~35 °C

② Data based on specific lab conditions