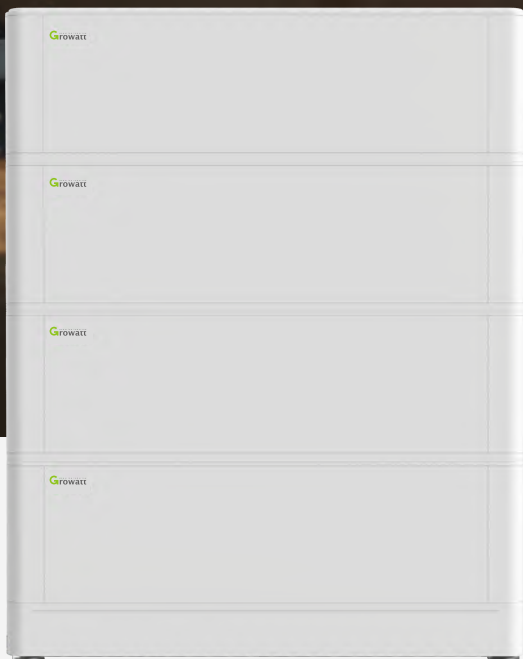


# ARK LV Battery System











- Flexible capacity options, 2.56kWh to 25.6kWh
- Excellent safety of cobalt free LiFePO4 battery
- Easy installation with modular and stacked design
- Long lifespan, 10 years warranty
- Remote firmware upgrade



P O W E R  
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R R O W O



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Datasheet	ARK 2.5L	ARK 5.1L	ARK 7.6L	ARK 10.2L	ARK 12.8L	ARK 15.3L	ARK 17.9L	ARK 20.4L	ARK 23.0L	ARK 25.6L
System Demo										
Battery Module	ARK 2.5L-A1 (2.56kWh, 51.2V, 30kg)									
Number of Modules	1	2	3	4	5	6	7	8	9	10
Energy Capacity	2.56kWh	5.12kWh	7.68kWh	10.24kWh	12.8kWh	15.35kWh	17.92kWh	20.48kWh	23.04kWh	25.64kWh
Dimension (W/D/H)	650/260/170mm	650/260/340mm	650/260/510mm	650/260/680mm	650/260/850mm	650/260/1020mm	650/260/1190mm	650/260/1360mm	650/260/1530mm	650/260/1700mm
Weight	30kg	60kg	90kg	120kg	150kg	180kg	210kg	240kg	270kg	310kg
Max Charge/Discharge Current	25A	50A	75A	100A	100A	100A	100A	100A	100A	100A
<b>General</b>										
Battery Type	Cobalt Free Lithium Iron Phosphate (LFP)									
Nominal Voltage	51.2V									
Operating voltage Range	47.2 - 56.8V									
IP Protection	IP65									
Installation	Wall-mounted or Floor installation* <sup>1</sup>									
Operation Temperature	-10~45°C* <sup>2</sup>									
<b>Features</b>										
DoD	90%									
Cycle Life	>6000									
BMS Monitoring Parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature measurement									
Communication Port	CAN/RS485									
Warranty	10 Years									
<b>Certification</b>	IEC62619 (Cell&Pack), CE, CEC, RCM, UN38.3									

\*1 Floor installation requires extra base (W/D/H=650/260/110 mm)

\*2 The performance will be limited when the temperature is below 0°C

\* ARK series battery has an EU model and a General model, the storage inverters sold in European countries only work with EU model ARK battery.