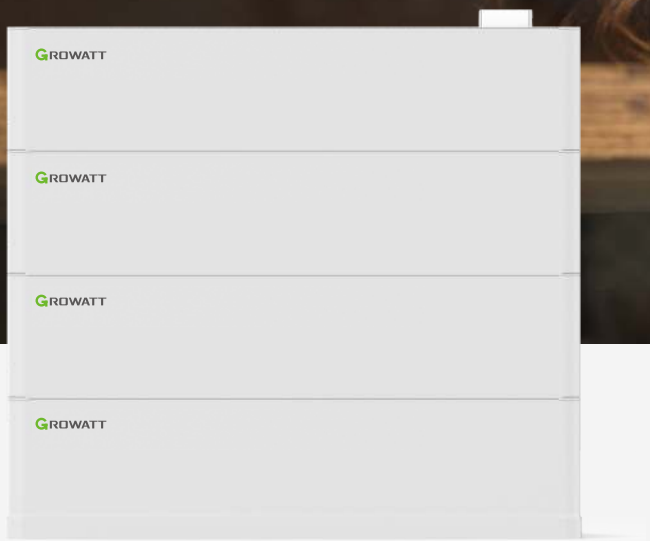
AXE 5.0L Modular Battery

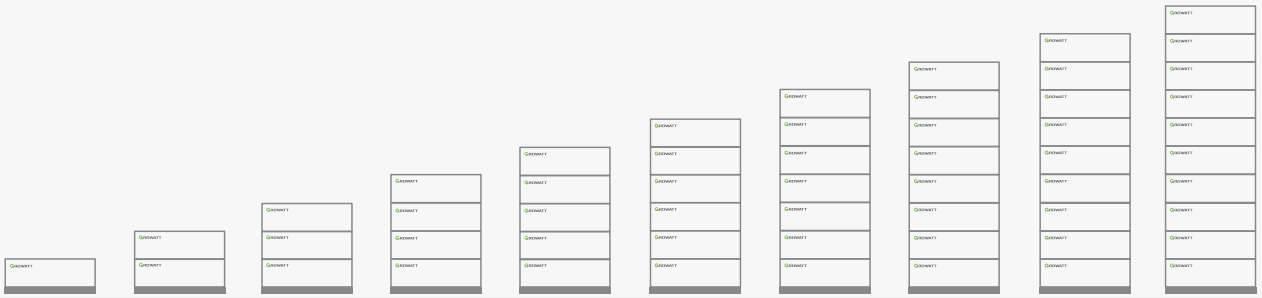
- Flexible capacity options, 5kWh to 400kWh
- Excellent safety of cobalt free LiFePO4 battery
- Stacked installation without cable connection
- Remote firmware upgrade



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Datasheet	AXE 5.0L	AXE 10.0L	AXE 15.0L	AXE 20.0L	AXE 25.0L	AXE 30.0L	AXE 35.0L	AXE 40.0L	AXE 45.0L	AXE 50.0L
System Demo										
Battery Module	AXE 5.0L - C1 (5.0kWh, 51.2V, 45kg)									
Number of Modules	1	2	3	4	5	6	7	8	9	10
Energy Capacity	5.0kWh	10.0kWh	15.0kWh	20.0kWh	25.0kWh	30.0kWh	35.0kWh	40.0kWh	45.0kWh	50.0kWh
Dimension (W/D/H)*1	650/350/165mm	650/350/305mm	650/350/445mm	650/350/585mm	650/350/725mm	650/350/865mm	650/350/1005mm	650/350/1145mm	650/350/1285mm	650/350/1425mm
Weight	47kg	92kg	137kg	182kg	227kg	272kg	317kg	362kg	407kg	452kg
Max Charge	60A	120A	150A	150A	150A	150A	150A	150A	150A	150A
Max Discharge	60A	120A	150A	150A	150A	150A	150A	150A	150A	150A
General										
Battery Type	Cobalt Free Lithium Iron Phosphate (LFP)									
Nominal Voltage	51.2V									
Operating voltage Range	48 - 57.6V									
IP Protection	IP20									
Installation	Floor installation*2									
Operation Temperature	0~50°C									
Features										
DoD	92%									
Mult-cluster AXE battery system in parallel	Max. 8 clusters (Max. 400kWh)									
BMS Monitoring Parameters	SOC, System voltage, Current, Cell voltage, Cell temperature, PCBA temperature measurement									
Communication Port	CAN/RS485									
Warranty(5/10 years)	Yes/Opt									
Certification	CE, ROHS, UL1973+FCC, UN38.3+PI965									

*1 The system dimension is included with the battery base

*2 Floor installation requires extra base (W/D/H=654/353/25mm)

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

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