

AXE 5.0~50.0L-C1 Battery System product specification

GROWATT NEW ENERGY CO., LTD
4-13/F, Building A, Sino-German(Europe)
Industrial Park, Hangcheng Ave, Bao'an
District, Shenzhen, China

T + 86 755 2974 3121
F + 86 755 2749 1460
P.C. 518000

E info@ginverter.com
W www.growatt.com
W www.ginverter.com

Change log

Item	Version	Content	Editor	Approve	Date
1	00	First Draft	Long yuntao		2021-06-06
2	01	修改 model	Long yuntao		2021-07-02
3	02	修改电池的电流	Long yuntao		2021-09-01
4	03	增加 2~10 个电池并联型号及相关参数	Long yuntao		2021-10-11

System Data										
Parallel number	1	2	3	4	5	6	7	8	9	10
Model	AXE 5.0L-C 1	AXE 10.0L- C1	AXE 15.0L- C1	AXE 20.0L- C1	AXE 25.0L- C1	AXE 30.0L- C1	AXE 35.0L- C1	AXE 40.0L- C1	AXE 45.0L- C1	AXE 50.0L- C1
Nominal Energy (kWh)	5	10	15	20	25	30	35	40	45	50
Rated Energy (kWh)	4.6	9.2	13.8	18.4	23	27.6	32.2	36.8	41.4	46
Nominal Capacity (Ah)	100	200	300	400	500	600	700	800	900	1000
Rated Capacity (Ah)	90	180	270	360	450	540	630	720	810	900
Nominal Voltage (V)	51.2									
Voltage Range (V)	46.4~57.6									
Rated Current (A)	60	120	150	150	150	150	150	150	150	150

Max Current (A)	80	160	165	165	165	165	165	165	165	165
DoD	92%									
Operating temperature	0°C ~ 50°C									
Dimensions ^{*1} (mm)	650*350*140	650*350*280	650*350*420	650*350*560	650*350*700	650*350*840	650*350*980	650*350*1120	650*350*1260	650*350*1400
Weight ^{*2} (kg)	40	80	120	160	200	240	280	320	360	400
IP Rating	IP20									
Storage temperature	- 20°C ~ 50°C / 7 days; - 20°C ~ 40°C / 6 months; 95%RH									
Cooling Method	Natural cooling									
Installation method ^{*3}	Floor installation									
Cell Type	LFP									
Communication Method	CAN									

Scalability	Max.10 PACKs in parallel
Certified Product	UKCA/CE/UN38.3/RoHS/UL1973 (Cell&Pack) +FCC
BMS Monitoring Parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature measurement

- * 1、 Height dimension does not include base
- * 2、 Weight without bas
- * 3、 Floor installation requires extra base