



Features:

Two Mounting Methods:

1 Wall Mounted with Wall Bracket

2 Floor Stand With Detachable Floor Bracket



6000 cycles
at 80% DOD



1C/1C continual
charge and discharge



10 years
standard warranty



Superior LiFePO4
safety performance



Low voltage
safety connection



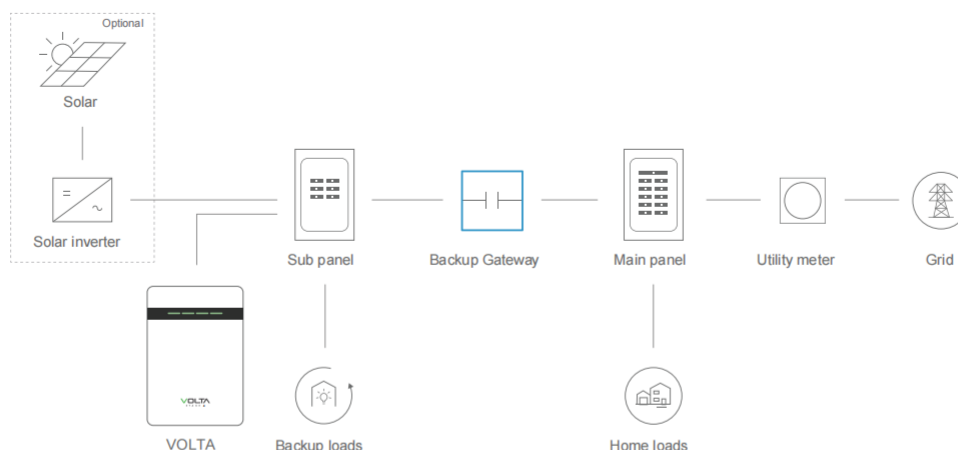
Max. 8 modules parallel

Compatible With Inverter Brands

VOLTA's battery BMS supports simultaneous communication and compatible with multiple inverter brands



PARTIAL HOME BACKUP



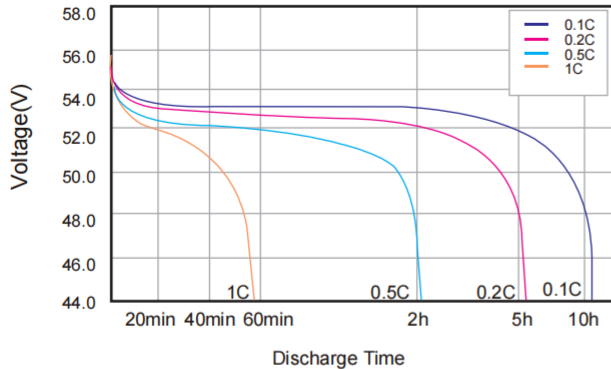
Parameters

Product Model	VOLTA STAGE 4
Nominal Energy	14.34KWH
Nominal Voltage	51.2V
Nominal Capacity	280Ah
Cell Type	LFP
Standard Charge Voltage	56V
Max Discharge Current	200A
Discharge Cut-Off Voltage	44.8V
Parallels Function	Support 8 Units In Parallels
Communication Interface	RS485、RS232、CAN (Optional)
Cycle Life *	≥ 6000 Cycles (80%DOD)
Charge temperature range	0~65°C
Discharge temperature range	-20~65°C
Certification	MSDS / UN38.3
Dimensions	490*840*242mm
Weight	130Kg
Installation method	Wall Mounted/Floor Standing
Warranty	10 Years(under warranty terms)

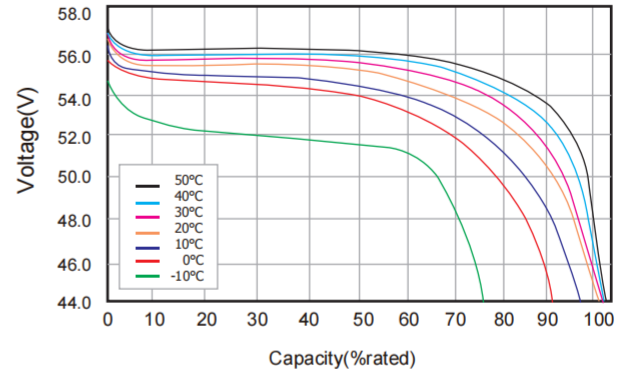
*Test Condition: 80% DOD, 0.2C charge & discharge @25°C

● Different current/Temperature Discharge curves

Different Rate Discharge Curve @25°C

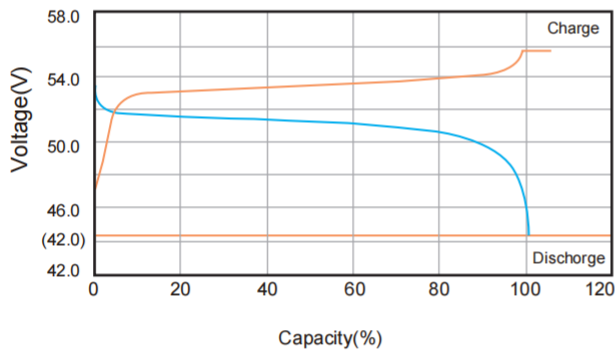


Different Temperature Discharge Curve @0.5C

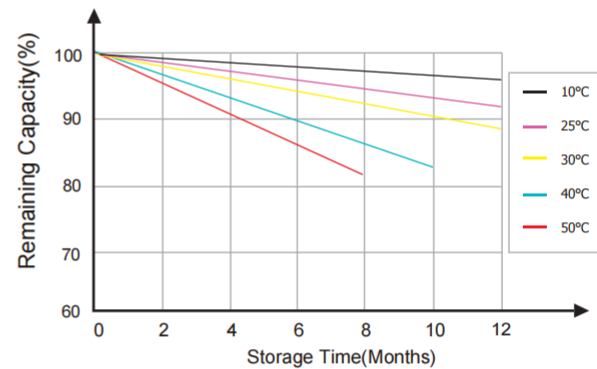


● Charging and Discharge curve

Charge and Discharge at 25°C, 0.5C

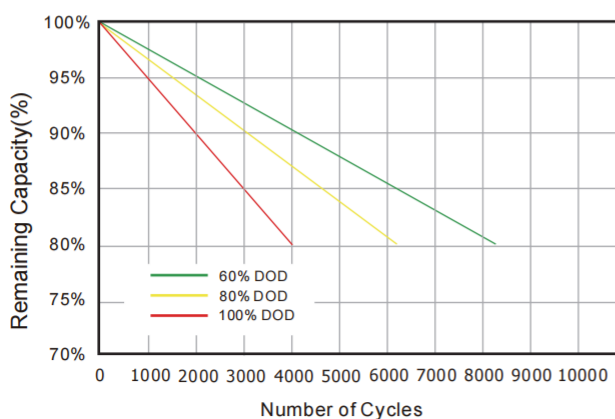


Different Temperature Self Discharge Curve



● Cycle Life Curve

Different Discharge Depth Life Curves & 25°C, 0.5C



Different Discharge Depth Life Curves & 40°C, 0.5C

