



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

Features:

Two Mounting Methods:

1 Wall Mounted with Wall Bracket

2 Floor Stand With Detachable Floor Bracket

Compatible With Inverter Brands

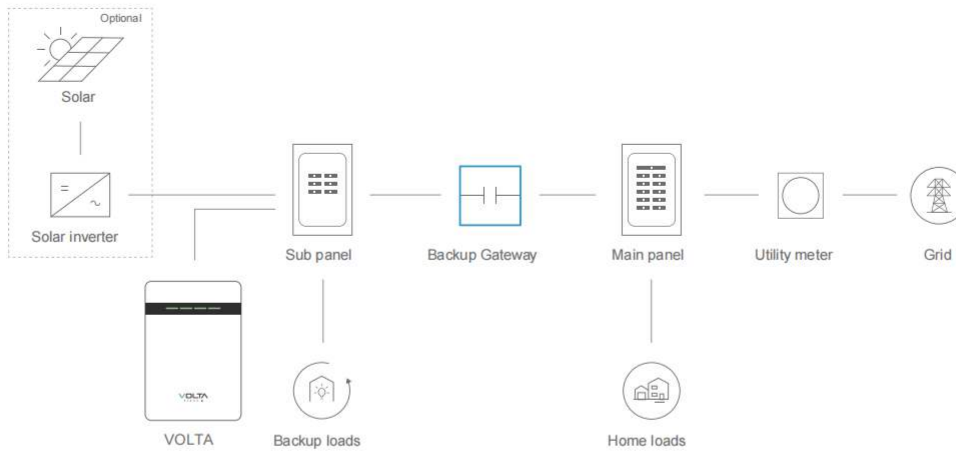
VOLTA's battery BMS supports simultaneous communication and compatible with multiple inverter brands



51.2V 280Ah Wall Mounted LiFePO4 Battery



PARTIAL HOME BACKUP



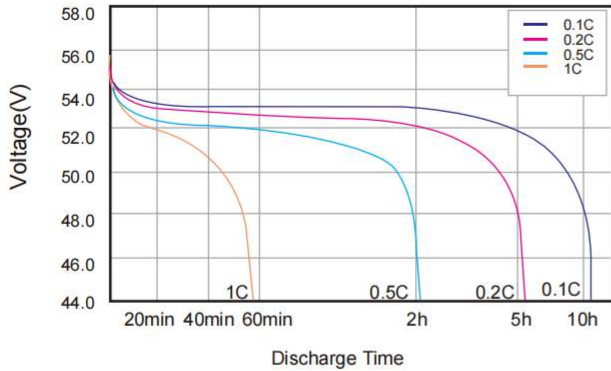
Parameters

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)

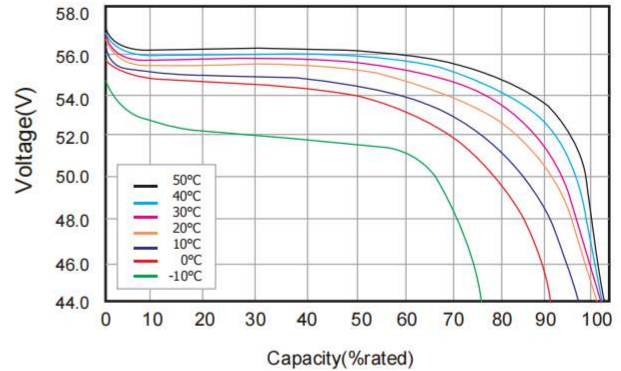
*Test Condition: 80% DOD, 0.2C charge & discharge @25°C

Different current/Temperature Discharge curves

Different Rate Discharge Curve @25°C

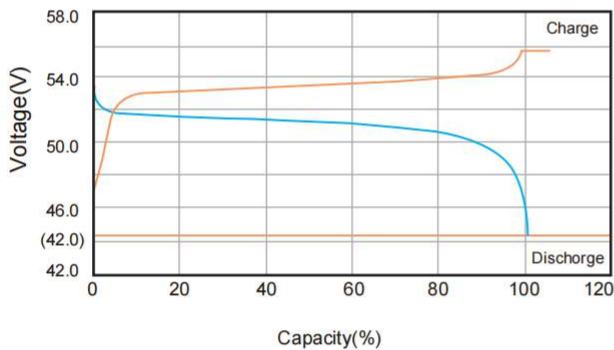


Different Temperature Discharge Curve @0.5C

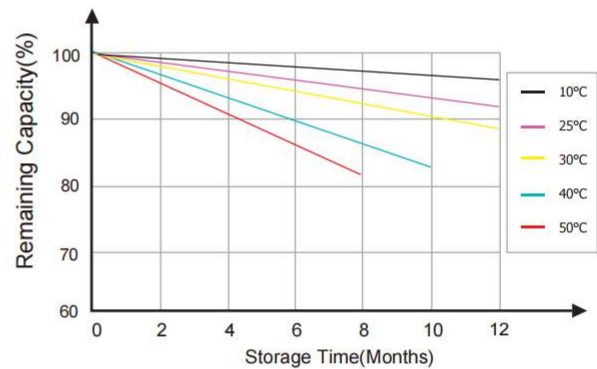


Charging and Discharge curve

Charge and Discharge at 25°C,0.5C

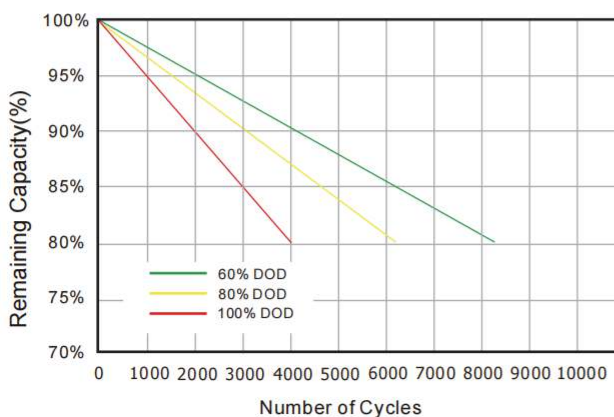


Different Temperature Self Discharge Curve



Cycle Life Curve

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



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

