

- Long life type prismatic LiFePO4 cells.
- Super long lifetime, leakage and maintenance free.
- Long Cycle Life of > 6000 cycles.
- RS485/CAN Communication port is available.
- ON/OFF Button, LED indicators for SOC, RUN and ALM.
- Integrated Software BMS inside.
- Independent protection for charge and discharge.



### SPECIFICATION

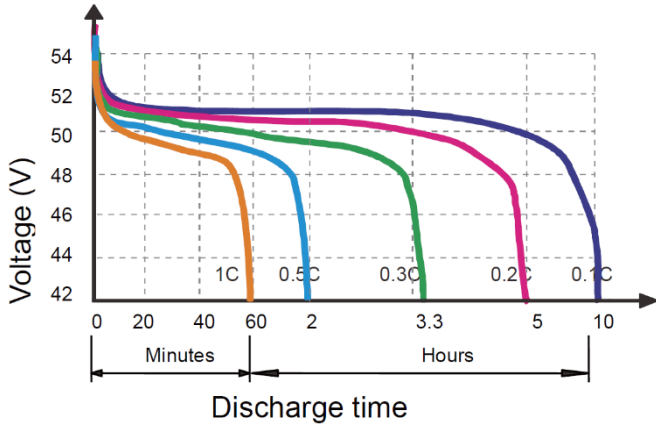
Nominal Voltage	51.2 V
Nominal Capacity	100 Ah
Total Energy	5120 Wh
Recommended Charging Current	20 A
Max. Charging Current	100 A
Recommended Charging voltage	57.6 V
Recommended Float Voltage	55.2 V
Max. Discharging Current	100 A
Discharge Cut Off Voltage	43.2V
Recommended Discharging voltage	46.4 V
Normal Operating Temperature Range	Charge: 0 ~ +55°C Discharge: -20 ~ +55°C Storage: -20 ~ +45°C
Protection	Over charge, Over discharge, Over temperature, Low Temperature, Over Current, Short circuit
Cycle Life*	>6000 cycles
Design Life	10 Years
Communication Port	RS485; CAN
LED Indicator and Button	SOC, ALM, RUN, ON/OFF
Dimensions (W x D x H)	400*170*610mm
Weight	45 kg
Operation Humidity	0~95% RH (No condensing)
Parallel Support**	Possible, Max. 16Pcs
Series Support	NA
Optional Parts	Bluetooth Module Heater LCD Screen

\*0.2C, 25°C@100% DOD.

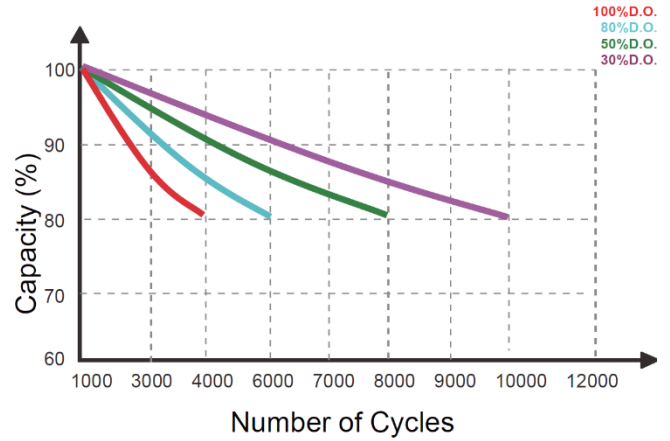
\*\* For Parallel and Series Connection refer to User Manual.

All Hollandia products are designed in Netherlands, EU.

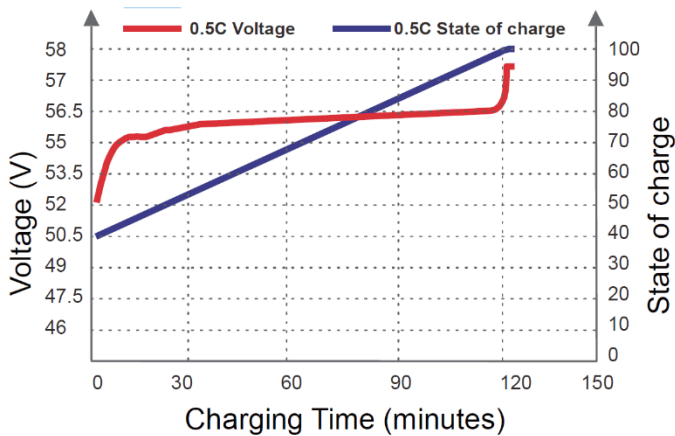
DISCHARGE CHARACTERISTICS (25°C)



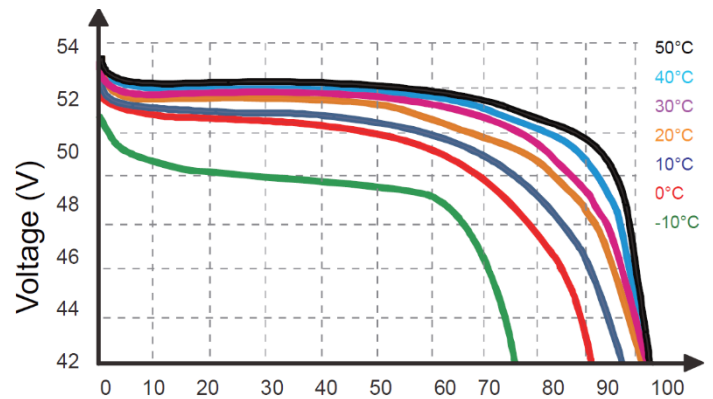
DIFFERENT DOD DISCHARGE CYCLE LIFE CURVE 0.2C 25°C



STATE OF CHARGE CURVE (0.5C, 25°C)



DIFFERENT TEMPERATURE DISCHARGE CURVE (0.5C)



**Note:**

- Refer to the latest edition of our technical manual that published on our website to ensure safe and efficient operation.
- While making parallel connection, first battery shall be fully discharged, then recharge after parallel connection.
- Parallel connection is only for longer backup time, not for larger output power.



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