

### Battery Pack Series(pouch lithium cell)

Model	KY-51. 2V100AH
Cell Technology	Li-ion(LFP)
Capacity (Ah)	100
Series (PCS)	16
Standard Voltage(Vdc)	51.2
Max Voltage (Vdc)	58.4
Standard Charge Current (A)	50
Max Charge Current (A)	60
Max charge Voltage (Vdc)	56.8
Standard Discharge Current (A)	50
Max Discharge Current (A)	60
Communication	RS485/CAN
Dimensions (W*D*H)(mm)	440*450*133
Protection Class	IP20
Weight(KG)	38±1
Operation Life (Years)	10
Operation Cycle Life	3500 @1C
Operation Temperature (°C)	0~50
Storage Temperature (°C)	-20~60°C ≤85%R.H
Humidity	< 45%
Altitude (m)	< 2000
Product Certificate	IEC62619,UN38.3