



DIN-Series

- UN38.3 / CE / UL1642 certificated, quality guaranteed
- 4000+Cycles life @80%DOD
- Heating function optional
- Standard under-seat installation
- Support in series or in parallel connection
- Bluetooth APP function can be customized

Model	R-B12100B	R-B12150B
Nominal voltage	12.8V	12.8V
Nominal energy@0.2C	1280Wh	1920Wh
Nominal capacity@0.2C	100Ah	150Ah
Internal resistance@1khz AC	≤20mΩ	≤20mΩ
Allowed MAX. charge current	100A @25℃	100A @25℃
Allowed MAX. discharge current	100A @25℃	150A @25℃
Recommend charge current	50A	80A
Recommend discharge current	50A	100A
Peak/Surge current limit	360A@3s	800A@3s
Short circuit protection	500A@500μs	1000A@500μs
Charge voltage	14. 2V	
Floating voltage	13.8V	
End of discharge	11.2V	
Communication	Bluetooth	
IP rating	IP54	
Cycle life	≥4000 cycles, @25℃, @0.2C, @80%DOD	
Weight	≈11.5kg (24.3 lbs)	≈15.5kg (34.1 lbs)
Dimensions(W*H*D)	355*176*190mm (13.9*6.9*7.4 inch)	
Parallel and series connection	Support Max. 4 in series or Max.4 in parallel	
Terminal and torque	M8 bolt 8-10N·M	
Operation altitude	< 3000m	
Operation temperature	Charge -20~60℃ (-4°F ~ 140°F) , Discharge -20~60℃(-4°F ~ 140°F)	
Self-discharge rate(shutdown)	≤3% Per month	
Recommended storage temperature	-10℃ ~ 40℃ (14°F ~ 104°F)	
Recommended humidity	5 ~ 85%RH	
Certifications	Pack: UN38.3, CE Cell: UN38.3, IEC	