



BAINTECH

110AH Slimline Power

12.8V110Ah

BTBLUESLIM110-DC40

*Powering Great
Australian Adventures*





SLIMLINE POWER

BTBLUESLIM110-DC40

PERFORMANCE

About BTBLUESLIM110-DC40

BTBLUESLIM110-DC40 uses a lithium iron phosphate battery with built-in intelligent BMS, which has the characteristics of long service life, light weight, large discharge current, wide temperature range, fast charging, maintenance free, safety and environmental protection. At the same time, it has multiple charging and discharging interfaces, supporting car alternators, solar photovoltaic panels for charging. It is a multifunctional battery that is more convenient to use. Supports a five-year warranty.

CONNECTOR AND DISPLAY

Input	Anderson 50A(blue)	Alternator, DC11.5-DC16V Max40A
	Anderson 50A (red)	Solar, DC11.5-DC50V Max40A
Output	Anderson 120A (grey)	DC10V-DC14.6V, Max100A
Other	2P Wiring Terminal(green) Ignition	

TEMPERATURE PARAMETERS

Discharge Temperature	-20°C to 60°C
Charge Temperature	0°C to 55°C
Storage Temperature	-20°C to 60°C
BMS High Temperature Cut-of	65°C

ELECTRICAL PARAMETERS

Nominal Voltage	12.8V
Rated Capacity	110Ah
Energy	1408Wh
Resistance	≤30mΩ
Efficiency	≥0.98
Cycle Life	>3000cycles @1C,80% DOD
Self Discharge	< 5% per Month
Cell in Series/Parallel	4S/1P

PHYSICAL PARAMETERS

Dimension(L×W×H)	685x230x50mm 26.97 x9.06x 1.97"
Weight	15kg
Terminal Type	Reference Connector Parameters
Battery Housing	SPCC
Housing Protection	IP30
Cell Type-Chemistry	LiFePO4 Cell
Communication	Bluetooth

DISCHARGE PARAMETERS

Continuous Discharge Current	100A
Pulse Discharge Current	200A (<1S)
Recommended Volt. Disconnect	10V
BMS Discharge Cut-off Voltage	10V
Reconnect Voltage	10.8V 300-
Short Circuit Protection	800us

CHARGE PARAMETERS

Charge Method	CC-CV
Charge Voltage	14.2~14.6V
Recommended Float Voltage	13.6V – 13.8V @ 100%
Stand by float Voltage	100% 13.3V -13.4V
Recommended Charge Current	55A
Charge Current Maximum	100A
BMS Charge Cut-off Voltage	14.8V