



# BAINTECH

## 150AH Power Top

### *12.8V150Ah*

*Powering Great  
Australian Adventures*

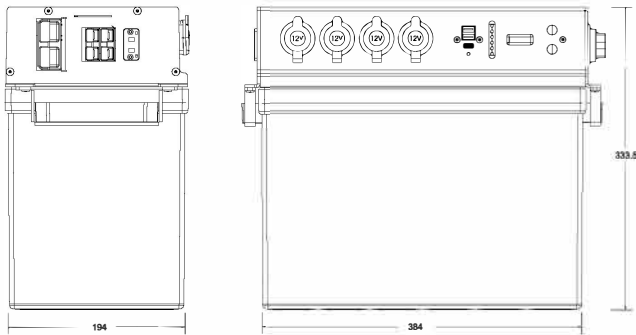




# POWERTOP BATTERY

150Ah PowerTop

### DIMENSIONS: mm



### ELECTRICAL PARAMETERS

Nominal Voltage	12.8V
Rated Capacity	150Ah
Energy	1920Wh
Resistance	≤30mΩ
Efficiency	≥0.98
Cycle Life	>3000cycles @1C,80% DOD
Self Discharge	< 5% per Month
Cell in Series/Parallel	4S/1P

### DISCHARGE PARAMETERS

Continuous Discharge Current	200A
Pulse Discharge Current	400A (<1S)
Recommended Volt. Disconnect	10V
BMS Discharge Cut-off Voltage	10V
Reconnect Voltage	10.8V
Short Circuit Protection	300-800us

### CONNECTOR AND DISPLAY

<b>Input</b>	Anderson 50A (blue)	Alternator, DC11.5-DC16V Max40A
	Anderson 50A (red)	Solar, DC11.5-DC50V Max40A
<b>Output</b>	Anderson 120A (grey)	DC10V-DC14.6V, Max120A
	CigaSocket (x2)	DC10V-DC14.6V, Max10A
	Engle Socket (x1)	DC10V-DC14.6V, Max10A
	USB-C (x2)	5V3A;9V3A; MaX27W
	USB-A QC3.0 (x2)	5V-3A;9V-2A;12V-1.5A;Max18W
	USB-C PD3.0	5V-3A;9V-3A;12V-3A;15V-3A; 20V-3A;Max60W
<b>Other</b>	2P Wiring Terminal	Ignition
<b>Display</b>	LED Indicator Light	Fullycharged/Solar /Alternator /Overvoltage /Undervoltage/Overcurrent
	Display Screen	Voltage/Current/SOC/Alarm Information

### 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

### PHYSICAL PARAMETERS

Dimension(L×W×H)	384x194x333.5mm 15.12x7.64x13.13"
Weight	17.5kg
Terminal Type	M8
Battery Housing	ABS
Housing Protection	IP30
Cell Type-Chemistry	LiFePO4 Cell
Communication	Bluetooth

### CHARGE PARAMETERS

Charge Method	CC-CV
Charge Voltage	14.2~14.6V
Recommended Float Voltage	13.3~13.4V@100%
Recommended Charge Current	75A
Maximum Charge Current	200A
BMS Charge Cut-off Voltage	14.8V