



12.8V

6.6Ah

LiFePO4

84.5Wh

## Replacement Brake control Battery Suitable for use with New York Air Brake System

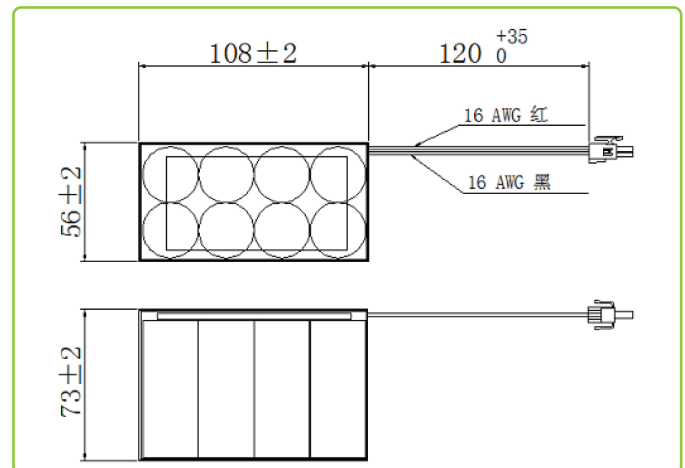
### SPECIFICATIONS

Model No.	BCB-786269
Nominal Voltage	12.8V
Nominal Capacity	6.4Ah
	6.6Ah
Watt-hour Rating	84.48Wh
Chemistry	Lithium Iron Phosphate (LiFePO4)
Cell	IFR26650-33A
Configuration	4S2P
Continuous Discharge Current	10A
Max Charge Current	6.6A
Max Charging Voltage	14.6V
Internal Resistance	< 75mΩ
Indicator	N/A
Connector	Tyco # 794184-1 (housing) and 794231-1 (pin)
Dimensions	
Length	108mm ± 2mm
Width	56mm ± 2mm
Height	73mm ± 2mm
Weight	800g
Operating Temperature	
Charge Mode	0°C ~ +45°C
Discharge Mode	-20°C ~ +60°C
Storage Mode	-20°C ~ +45°C
Communication	N/A
PCM	
Over Charge Voltage Threshold	3.9V±0.10V/cell
Over Charge Voltage Release	3.8V±0.10V/cell
Over Discharge Voltage Threshold	2.3V±0.10V/cell
Over Discharge Voltage Release	2.7V±0.10V/cell
Over Discharge Current Protection	60A ± 15A
Short Circuit Protection	≤ 800uS
Balance Function	Yes
Housing	Epoxy Frame with PVC Shrink
Certification	Pending
Cycle Life	> 2,000 Cycles to 80% DOD @ 0.5C Charge, 0.5C Discharge

### FEATURES

This battery is a suitable Replacement for the original Lead Acid battery featured in the New York Air Brake Car Control System.

Featuring Lithium Iron Phosphate cells (LiFePO4), this battery exceeds original specifications.



This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us • APR 20

