


BATTERY CATALOG (CA)



ROAD CHOICE[®]



We are committed to keeping
trucks on the road and moving
forward by providing quality parts
to all who repair heavy-duty vehicles.

CONFIDENCE.
COVERAGE.
COMMITMENT.

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**Parts that keep you moving.
Quality that keeps you coming back.**

HEAVY-DUTY BATTERIES

ROAD CHOICE® HEAVY-DUTY BATTERIES

provide premium cranking power to turn over the toughest commercial engines. Heavy-duty starting power coupled with our unique design features reinforce the battery to withstand demanding commercial use.



FEATURES AND BENEFITS

- Instantaneous cranking power
- Low-resistance, high-energy flow to starter motor
- Shortage-protected, anchor-locked components
- Maintenance-free design*
- 18 month/unlimited mileage warranty

HEAVY-DUTY SPECS

	BCI GROUP SIZE	PART NUMBER	CCA AT 0°F	CA AT 32°F	RC MIN. AT 25A	LENGTH	WIDTH	HEIGHT	TERMINAL TYPE	WARRANTY
★ GOOD	31S	31RC925S	925	1125	180	13	6.8	9.4	Threaded	18
	31A	31RC925A	925	1125	180	13	6.8	9.4	Autopost	18
	31S	31RC1000S	1000	1250	180	13	6.8	9.4	Threaded	18
	31A	31RC1000A	1000	1250	180	13	6.8	9.4	Autopost	18
★★ BETTER	31SHC	31RC730SHC (Hybrid)	730	900	190	13	6.8	9.4	Threaded	18
	31S	31RC1000MIXC (Mixtech)	1000	1250	200	13	6.8	9.4	Threaded	18
	31A	31RC1000MIXA (Mixtech)	1000	1250	200	13	6.8	9.4	Autopost	18
★★★ BEST	31S	31SRCAGM (AGM)	825	1025	190	13	6.8	9.4	Threaded	18
	31S	31RCMIX730SHC (Hybrid, Mixtech)	730	900	190	13	6.8	9.4	Threaded	18

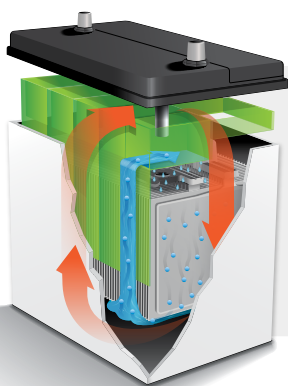
* Under normal operating conditions. Specifications are subject to change without notice.

BATTERY APPLICATION GUIDE

HEAVY & MEDIUM DUTY TRUCK – RECOMMENDED BATTERY PART NUMBERS

(Class 6, 7, & 8)

APPLICATION	RECOMMENDATION	PART NUMBERS
SLEEPER CAB	Minimum of four (4) Dual Purpose or AGM Batteries with a low voltage disconnect or battery management system.	31SRCAGM (AGM) 31RCMIX730SHC (MIXTECH Dual Purpose Flooded)
DAY CAB ¹ LINE HAUL ²	Starting Battery with the number of batteries determined by CCA capacity.	31RC1000MIXA (MIXTECH Starting Battery)
DAY CAB DELIVERY	AGM or Dual Purpose Batteries with the number of batteries per truck determined by the engine CCA requirement.	31RCMIX730SHC (MIXTECH Dual Purpose Flooded)
P & D ³	AGM or Dual Purpose Batteries with the number of batteries per truck determined by the engine CCA requirement.	31RCMIX730SHC (MIXTECH Dual Purpose Flooded)
REEFER UNIT ⁴	AGM or Dual Purpose Batteries	31SRCAGM (AGM) 31RCMIX730SHC (MIXTECH Dual Purpose Flooded)
HVAC, APU, LIFT GATE	AGM Batteries	31SRCAGM (AGM)



MIXTECH batteries are designed with modern vehicles in mind. Each battery is manufactured with our patented and award-winning MIXTECH technology inside that prevents acid stratification from prematurely killing your battery.



¹DAY CAB Semi truck without a sleeper berth.

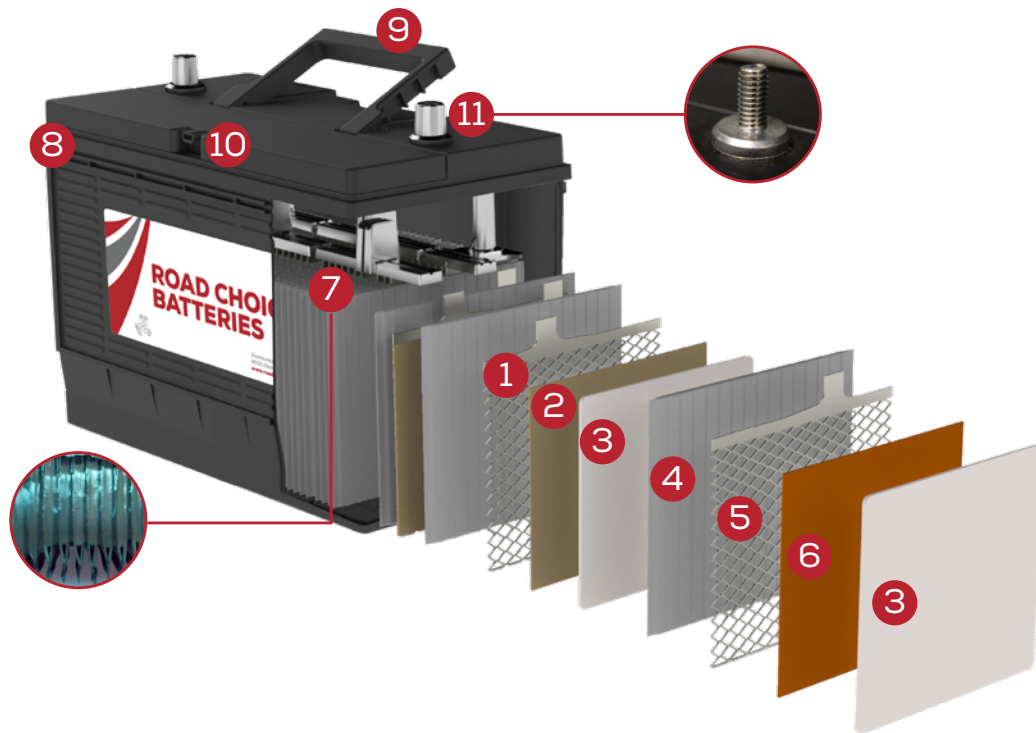
²LINE HAUL Trucks that usually return home after each shift.

³P&D (PICKUP AND DELIVERY TRUCKS) Usually experience frequent stops in shorter intervals.

⁴REEFER UNIT: Refrigeration unit used to maintain trailer temperature.

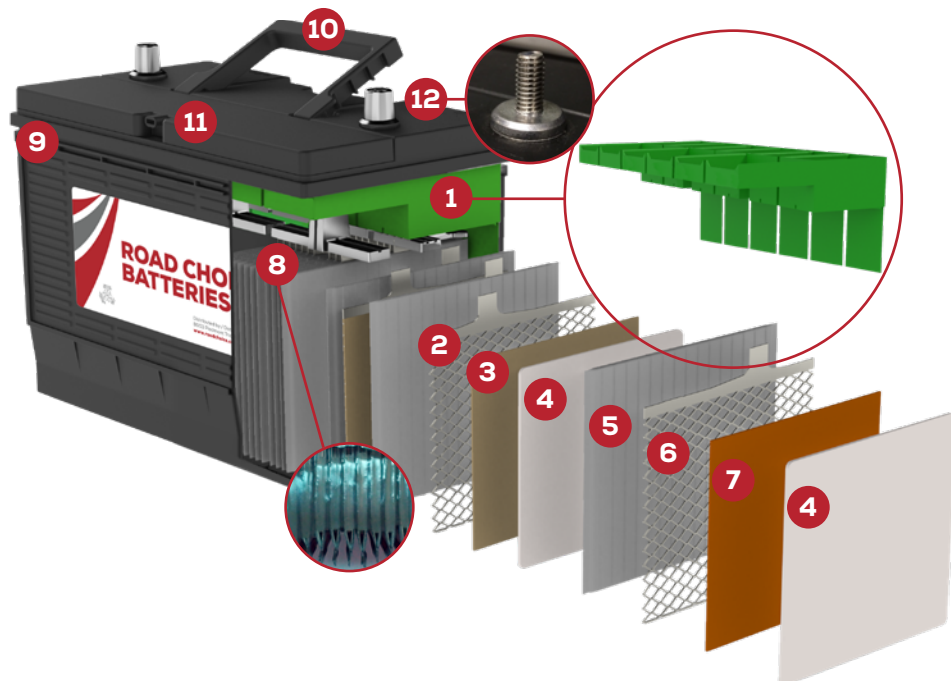
PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. **WASH HANDS AFTER HANDLING.**

FEATURES AND BENEFITS



- 1 Expanded Negative Grids** increase tensile strength of active material bonds
- 2 Increased Negative Active Material** density for improved life
- 3 Fiber-lock Scrim** reduces active material erosion on positive and negative plate
- 4 Fiber-lock Scrim**, embedded into the active material on each side of the + and - plates, increases active material bonds and reduces material erosion.
- 5 High purity Calcium Alloy Expanded Positive Grids** increase tensile strength of active material bonds, resist corrosion, and minimize water loss
- 6 Increased Positive Active Material** density and additives increase active material to grid bonds, reduce internal resistance, promote high cranking power and increase performance and life
- 7 Hot Melt Epoxy Bonding** used to resist positive plate growth and increase vibration resistance
- 8 Reinforced Polypropylene Case** utilizes completely sealed cover for true maintenance free performance
- 9 Integrated Carry Handles**
Central Degassing manifold with integrated flame arrestors collect and discharge gas away from terminals improving safety and reducing terminal corrosion. Gases travel through a spider-web like maze within the manifold trapping the water & electrolyte vapors re-combining them back into the battery preventing premature dry out.
- 10**
- 11 3/8" stainless stud or cold forged SAE terminals**

MIXTECH FEATURES AND BENEFITS



MIXTECH - 360° Acid Mixing Technology

- Eliminates acid stratification
- Minimizes sulphation preventing premature capacity loss
- 1 • Ensures uniform material utilization guaranteeing longer high performance life
- Maintains Dynamic Charge Acceptance essential for highly equipped vehicles with intense driving schedules
- Delivers longer battery life in extreme temperatures

Enhanced Negative Grids with increased active material density improve plate strength and enhanced cycle life in cyclic/starting applications.

3 **Increased Negative Active Material** density for improved life

4 **Fiber-lock Scrim**, embedded into the active material on each side of the + and - plates, increases active material bonds and reduces material erosion.

Envelope (+) Glass Mat Separators

- Reduce internal resistance and short circuits
- Increases cell compression and reduces plate shedding
- 5 • Provides active mass stability and quicker recharging over conventional batteries

Calcium Tin Alloys in thick Positive Grids

- 6 • Increase corrosion resistance and life
- Increase strength and reliability

Increased active material density and additives that increase active material to grid bonds, reduce internal resistance, promote high cranking power and improve high cycle performance and life

8 **Element Bonding** provides vibration resistance and helps to resist positive plate growth

9 **Reinforced Polypropylene Case** utilizes completely sealed cover for true maintenance free performance

10 Integrated Carry Handles

Central Degassing manifold with integrated flame arrestors collect and discharge gas away from terminals improving safety and reducing terminal corrosion. Gases travel through a spider-web like maze within the manifold trapping the water & electrolyte vapors re-combining them back into the battery preventing premature dry out.

12 **3/8" stainless stud or cold forged SAE terminals**



NaSO₄ Sodium Sulphate additives improve the cycle life, charge acceptance and maintenance-free operations

OTHER COMMERCIAL BATTERIES

FEATURES AND BENEFITS

- Quality performance in all climates
- Maintenance-free performance over lifetime*
- Various size and power needs for your application
- Instantaneous cranking power
- Low-resistance, high-energy flow to starter motor
- Shortage-protected, anchor-locked components
- 18 month/unlimited mileage warranty



AUTOMOTIVE BATTERY SPECS

BCI GROUP SIZE	PART NUMBER	CCA AT 0°F	CA AT 32°F	RC MIN. AT 25A	LENGTH	WIDTH	HEIGHT	TERMINAL TYPE	WARRANTY
24F AGM	24FRCAGM	710	890	130	10.2	6.8	8.9	A	18
34 AGM	34RCAGM	740	925	110	10.2	6.8	7.9	A3	18
35 AGM	35RCAGM	550	690	85	9.1	6.9	8.9	A	18
51R AGM	51RRCAGM	400	500	80	9.4	5.1	8.8	A1	18
65 AGM	65RCAGM	750	940	130	12	7.6	7.6	A1	18
H4 (LN1,140R) AGM	H4RCAGM	540	700	88	8.2	6.9	7.5	A	18
H5 (LN2,47) AGM	H5RCAGM	600	750	110	9.5	6.9	7.5	A	18
H6 (LN3,48) AGM	H6RCAGM	760	950	130	10.9	6.9	7.5	A	18
H7 (LN4,94R) AGM	H7RCAGM	850	1065	150	12.4	6.9	7.5	A	18
H8 (LN5,49) AGM	H8RCAGM	900	1125	180	13.9	6.9	7.5	A	18
H9 (LN6,95R) AGM	H9RCAGM	950	1150	185	15.5	6.9	7.5	A	18
H5 (LN2,47)	47CRC	650	785	100	9.5	6.9	7.5	A1	18
H6 (LN3,48)	48CRC	730	885	115	10.9	6.9	7.5	A1	18
H7 (LN4,94R)	94RCRC	790	955	130	12.4	6.9	7.5	A1	18
H8 (LN5,49)	49CRC	900	1090	160	13.9	6.9	7.5	A1	18

BCI GROUP SIZE	PART NUMBER	CCA AT 0°F	CA AT 32°F	RC MIN. AT 25A	LENGTH	WIDTH	HEIGHT	TERMINAL TYPE	WARRANTY
24	24CRC	550	700	95	10.2	6.8	8.9	A	18
24F	24FCRC	550	700	95	10.2	6.8	8.9	A	18
27	27CRC	750	950	135	12	6.8	8.9	A	18
27F	27FCRC	710	900	135	12	6.8	8.9	A	18
34	34CRC	700	900	110	10.2	6.8	7.9	A	18
35	35CRC	640	800	100	9.1	6.9	8.9	A	18
36R	36RCRC	650	810	130	10.4	7.2	8.1	A	18
40R (T6)	40RCRC	590	740	105	10.9	6.9	6.9	A	18
51R	51RCRC	500	625	75	9.4	5.1	8.8	A	18
65	65CPRC	850	1050	150	12	7.6	7.6	A	18
65	65CRC	700	900	130	12	7.6	7.6	A	18
78	78CRC	800	1000	110	10.2	7.1	7.3	S	18
96R	96RCRC	590	740	95	9.5	6.9	6.9	A	18

HD COMMERCIAL BATTERY SPECS

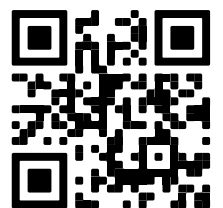
BCI GROUP SIZE	PART NUMBER	CCA AT 0°F	CA AT 32°F	RC MIN. AT 25A	LENGTH	WIDTH	HEIGHT	TERMINAL TYPE	WARRANTY
4D	4DRC	1000	1250	295	20.7	8.7	9.8	SAE Auto	18
4DLT	4DLTRC	850	1050	250	20	8.2	8	SAE Auto	18
8D	8DRC	1400	1750	450	20.7	11.1	9.8	SAE Auto	18

* Under normal operating conditions. Specifications are subject to change without notice.



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RCOBA-25CAT030725



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