

KOYAMA[®] SMF Automotive Batteries

Make Sure Your Car Starts Every Time With KOYAMA Batteries



Top Quality Batteries For that Powerfull Instant Start

The Koyama SMF battery is the perfect combination of two advanced technologies used in the manufacturing of a sealed automotive batteries of high performance that offer three benefits: longer duration, security and comfort.



Technical Specifications

Group	Voltage(V)	Performance Level @ 27°C(A)	Reserve Capacity(MIN)	Dimensions(mm)				Layout	Terminal
				Length	Width	Height	Total Height		
22M - 800	12	800	90	224	173	187	208	1	A
22MR - 800	12	800	90	224	173	187	208	0	A
24M - 1100	12	1100	120	259	172	202	222	1	A
24MR - 1100	12	1100	120	259	172	202	222	0	A
34M - 850	12	850	105	262	175	185	206	1	A
34MR - 850	12	850	105	262	175	185	206	0	A
36M - 700	12	700	70	206	175	174	174	1	A
36MR - 700	12	700	70	206	175	174	174	0	A
42R - 800	12	800	90	241	175	175	175	0	A
43M - 900	12	900	105	279	171	173	173	1	A
43MR - 900	12	900	105	279	171	173	173	0	A
45M - 650	12	650	85	237	128	201	221	1	A
45MR - 650	12	650	85	237	128	201	221	0	A
78M - 900	12	900	120	263	181	185	185	1	S
94R - 950	12	950	120	312	173	190	190	0	A
N40MR - 600	12	600	60	196	128	202	220	0	B
NS40MR - 450	12	450	60	196	128	202	220	0	B
NS40M - 450	12	450	60	196	128	202	220	1	B
27M - 950	12	950	120	305	172	202	222	1	A
27MR - 950	12	950	120	305	172	202	222	0	A
30H - 1100	12	1100	150	331	173	220	236	C	A
31M - 1100	12	1100	160	331	173	220	236	C	T
49M - 1000	12	1000	160	351	174	190	190	0	A
4D - 1250	12	1250	250	508	216	201	224	4	A
65 - 1000	12	1000	120	303	190	170	190	1	A
8D - 1450	12	1450	380	509	264	217	237	4	A

Key Features and Benefits of the KOYAMA Sealed Maintenance Free Automotive Battery line

Sealed Battery Technology ,that seals the battery and maintains constant electrolyte levels,making the process of dealing with a battery more comfortable and secure. Maintenance free so it does not need addition of water.

Premium pasting plates with alloys that reduce water consumption ,discharge rate and allow maximum start capacity.

CTC system (Controlled Temperature Charge) of initial charge that allow the battery to supply with more energy during longer periods of time than onventional batteries, making this battery the ideal one for hard work

High pressure die coting that diminish corrosion of battery terminals.

Designed to replace original equipment batteries according to the manufacturer's specification.

Available in different sizes,configurations and capacities that suit any vehicle of American,European or Asian origin.

KOYAMA[®] Commercial /Truck Batteries

Keep your heavy-duty equipment operating with **KOYAMA** Commercial Batteries



Keep Heavy-Duty Equipment Running at top performance

Demanding commercial equipment requires nothing less than the most powerful, reliable batteries. This complete line of the toughest commercial product is specially engineered for durability while meeting high power ratings for heavy-duty engines.



Key Features and Benefits of the KOYAMA Commercial Line

- * Genuine calcium lead alloy provides longer waterless operation and extended battery life.
- * Anchor-locked elements with full-frame grids and tight-packed commercial plates resist the damaging effects of vibration, delivering more power-per-pound than other batteries.
- * Most of our commercial batteries contain premium "deep pocket" envelope separators, which protect the plates on all four sides to dramatically reduce shorting and extend service life.
- * Special computer-aided design and manufacturing means more durability for heavy-duty line-haul trucks, buses, farm tractors and off-road equipment.

Technical Specifications

Group	Voltage (v)	Performance	Reserve	Dimensions in millimeters		
		Level 27° C	Capacity			
		(amp)	(min)	Length	Width	Height *
4D - HD	12	1500	356	508	216	224
8D - HD	12	1650	420	485	262	252

*Including Terminals

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