NARADA POWER SOURCE CO.,LTD.

Automotive Battery Solution for Energy Saving Vehicles

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PRODUCTS OVERVIEW

- AGM Start-Stop
- EFB Start-Stop
- Starting Battery Series
- Truck Battery Series

COMPANY PROFILE

Narada Power Source Co., Ltd. provides products, system integrations and services with lithium-ion batteries and lead batteries as the core for the four application fields of data center, smart energy storage, industrial backup and green travel. At the same time, Narada has created two industrial closed loops of "lead battery cycle industrial chain" and "lithium battery cycle industrial chain". The company has carried out sales over 158 countries and regions around the world, and the company's brand "Narada" is famous all over the world.

AGM
Start-Stop

Narada Start-Stop battery is specially designed according to the characteristic of start-stop, and combined with the technology of lead carbon battery and high temperature battery. With low self-discharge, long storage time, deep discharge and excellent charge performance, Narada Start-stop battery is the best choice for cars.

Features

- Cold cranking performance: advanced assembly technology, high-quality AGM separator, and improved grid structure achieving the excellent low temperature cranking performance.
- Charge acceptance capability: adopting lead carbon technology to enhance charge acceptance and prolong the battery service life.
- Deep discharge performance: outstanding 50% DoD cycle life to meet the deep cycle requirement of car starting, and vehicle electrical appliances.
- Resistance to temperature fluctuations: high-strength PP material and optimized container ensure the battery to maintain a great performance in temperature changing environments.
- Vibration resistance: advanced assembly structure and optimized busbar design protect the battery from vibration.

Specification

Type	Shape Standard	Nominal Voltage (V)	CCA (-18℃) (A)	Dimension (mm)		
				L	W	H
AGM-L2-60	LN2/H5	12	660	242	175	190
AGM-L3-70	LN3/H6	12	720	278	175	190
AGM-L4-80	LN4/H7	12	800	315	175	190
AGM-L5-92	LN5/H8	12	850	353	175	190
AGM-L6-105	LN6/H9	12	950	394	175	190

EFB
Start-Stop

Features

- Adopting advanced lead belt technology with continue casting and rolling process, makes a compact grid crystal structure and brings an excellent anti-corrosion and high-temperature resistance capability.
- With a radial structure, the positive grid is designed in a punching process to bring lower internal resistance, superb cold cranking performance, outstanding high-temperature resistance and better cycle life.
- Unique EFB formula: high-density active material additive in the positive to improve the cycle performance and the advanced carbon material in the negative to improve the charge acceptance capability, which will enhance the charge acceptance capability over 30% and almost double the cycle charge-discharge capability.
- High-performance and low-resistance PE separator, tight assembly design, casting and welding tab protection technology together to reduce battery internal resistance, improve low-temperature starting ability, greatly increase battery start-stop life and meet the frequent starting needs of vehicles;
- Special composite additives electrolyte delivers a better charge acceptance, delays sulfation process, and has a longer service life

Specification

Type	Shape Standard	Nominal Voltage (V)	CCA (-18℃) (A)	Dimension (mm)		
				L	W	H
6-QTPE-60(640)	LN2/H5	12	640	242	175	190
6-QTPE-70(700)	LN3/H6	12	700	278	175	190
6-QTPE-80(750)	LN4/H7	12	750	315	175	190
6-QTPE-75(700)	LBN4/T7	12	700	315	175	175
6-QTPA-60(610)	D23/Q-85	12	610	232	173	225
6-QTPA-64(645)	D26/S-95	12	645	260	172	225

Starting Battery Series

Features

- Lead belt technology: adopting advanced continue casting and rolling process delivers an excellent grid corrosion resistance capability.
- Structure design: both positive and negative grids are designed with top-notch grid technology making the lead paste and grid firmly combined to have lower internal resistance and longer battery cycle life.
- Product material: special composite additives electrolyte delivers a better charge acceptance, delays sulfation process, and has a longer service life; advanced thin microporous separators are used to reduce internal resistance, improve corrosion resistance capability and deliver an excellent puncture resistance performance.
- Cold cranking performance: excellent low temperature starting performance, maintaining strong power output even in severe cold conditions.
- Product appearance: beautiful outline and smart design, suitable for various vehicles.

Specification

Type	Nominal Voltage (V)	Reserve Capacity (min)	CCA (A)	Dimension (mm)		
				L	W	H
38B20 6-QW-36（300）	12	54	300	197	129	225
55B24 6-QW-45（410）	12	70	410	238	129	225
58500 6-QW-48（420）	12	76	420	238	172	181
55D23 6-QW-60（500）	12	99	500	228	171	225
55D26 6-QW-60（500）	12	99	500	259	172	225
80D26 6-QW-70（630）	12	99	500	241	174	189
20-72 6-QW-70（600）	12	118	630	259	172	225
27-55 6-QW-55（500）	12	122	600	277	174	189
27-55 6-QW-55（500）	12	89	500	241	174	174
85550 6-QW-55(450)	12	89	450	222	172	205
58500X 6-QW-48（420）	12	76	420	238	175	181
54017 6-QW-40（350）	12	61	350	207	175	190
27-66 6-QW-66（580）	12	110	580	277	174	174
58043 6-QW-80（650）	12	138	650	314	174	189
20-100 6-QW-100（800）	12	180	800	352	174	189

Truck Battery Series

Features

- Cold cranking performance and charge acceptance capability: upgraded grid design forges an excellent cold cranking performance and charge acceptance capability.
- Vibration resistance: adopting sophisticated groups melting technology helps to tightly fix the groups and the tank, which brings excellent vibration resistance and longer service life.
- Low water consumption: special lead-calcium multi-component alloy delivers a good corrosion resistance, high hydrogen evolution potential, less water loss and low self-discharge.
- Long service life: optimized lead paste formula enhances the binding force of active materials and prolongs and the deep cycle life; cutting-edge PE composite separators and tight assembly design effectively restrain active materials softening to extend over 10% whole service life.

Specification

Type	Nominal Voltage (V)	Reserve Capacity (min)	CCA (A)	Dimension (mm)		
				L	W	H
120F51 6-QW-120(750)	12	190	750	503	183	203
135F51 6-QW-135（800）	12	210	800	503	183	203
150G51 6-QW-150（800）	12	255	800	508	213	193
165G51 6-QW-165（850）	12	290	850	508	213	193
180G51 6-QW-180（900）	12	360	900	508	213	193
N200 6-QW-200（1000）	12	360	1000	515	267	216