
JUMBO
HIGH POWER BATTERY
Ready to
Excel
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JUMBO a full line of Automotive Batteries serving Japanese, European and some American vehicle applications, produced under ISO9002 Quality management system as well as QS9000 Quality varification system.

JUMBO Complete and varifiable inspection process includes "but not limited to" testing the Internal short circuit & Leakage to insure delivering safe products.

JUMBO low-maintenance dry charge battery manufactured to suite worldwide market demand using own unique products features to satisfy all clients & diverse vehicle applications

JUMBO Eco-Friendly batteries, manufactured using polypropylene container & covers with innovation paper lid, engineered to offer heavy duty performance at all climates, and all road conditions.

SATISFACTION GUARANTEED

JUMBO
HIGH POWER BATTERY

Batteries.. built to last at affordable prices

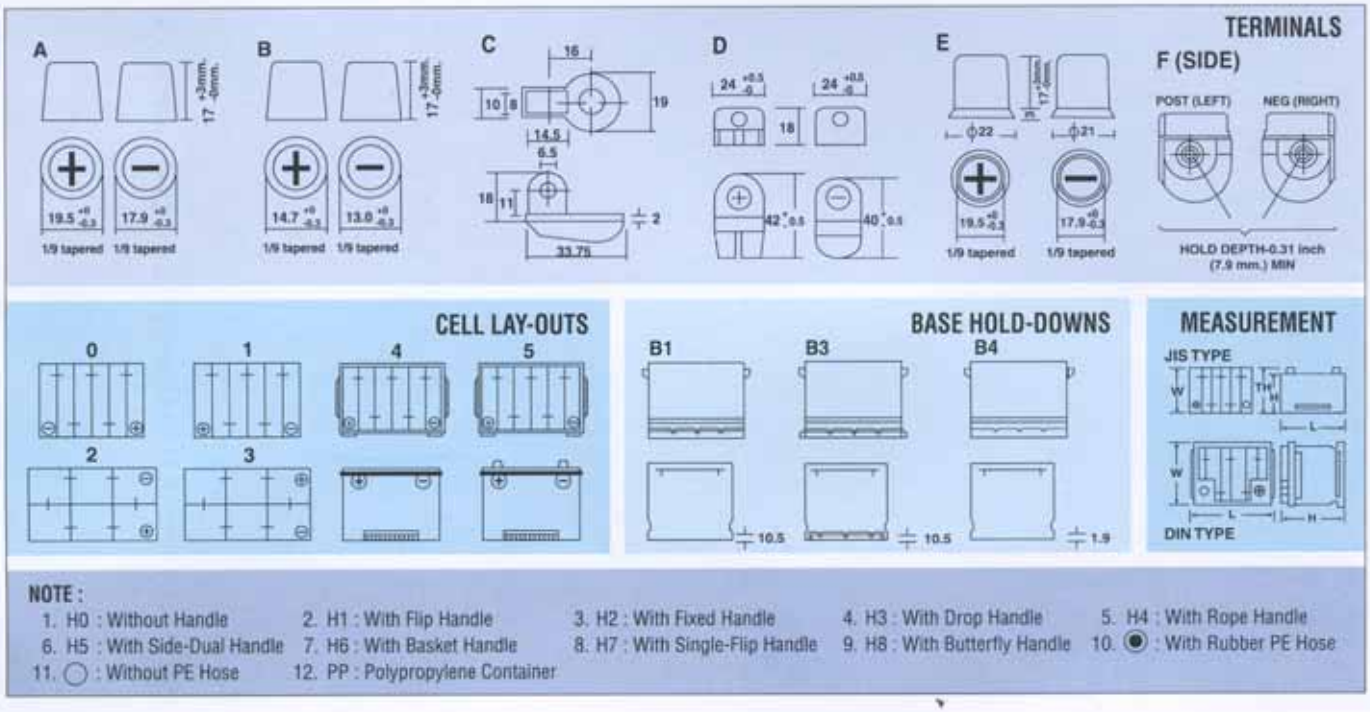
JUMBO specifications:

Offers a wide range of Automotive batteries.. from small passenger vehicles, pickups.. Vans to Truck and Bus all produced to fit OEM vehicles with Universal standard.

Type JIS Model	Capacity (Ah)		Charging Rate (Amperes)	Overall Dimension (mm.)				Approx. Weight (Kgs.)	Approx. Acid/ Batt (l)	Plate/ Cell (Pcs.)	Terminals		Cell Lay-Outs	Handle Type	Rubber Hose	Container Material
	20Hrs.	5Hrs.		L	W	H	TH				Standard	Option				
For Japanese Vehicles																
12N24-3 (-4)	26	21	2.5	185	125	160	174	5.5	1.8	11	C		0(1)	H0	○	PP
NS 40 (L)	32	26	3.0	195	127	200	222	5.8	2.8	9	B	A	1(0)	H0,H1,H6	○	PP
NS 40 Z (L)	35	28	3.0	195	127	200	222	6.9	2.5	11	B	A	1(0)	H0,H1,H6	○	PP
N 40 (L)	40	32	4.0	236	127	200	222	7.2	3.3	11	A		1(0)	H0,H1,H5,H6	○	PP
NS 60 (L)	45	36	4.0	236	127	200	222	8.0	3.0	13	B	A	1(0)	H0,H1,H5,H6	○	PP
N 50 (L)	50	40	5.0	256	170	201	224	9.0	5.4	9	A		1(0)	H0,H1,H6	○	PP
N 50 Z (L),N 60 (L)	60	48	5.0	256	170	201	224	10.5	5.2	11	A		1(0)	H0,H1,H6	○	PP
NX 110-5 (L)	65	52	5.0	256	170	201	224	11.9	4.9	13	A		1(0)	H1,H6	○	PP
NS 70 (L)	65	52	5.0	256	170	201	224	11.8	5.0	13	A		1(0)	H0,H1,H6	○	PP
N 70 (L)	70	56	7.0	303	170	201	224	12.2	5.4	13	A		1(0)	H0,H1,H6	○	PP
N 70 Z (L)	70	56	7.0	303	170	201	224	13.8	5.0	15	A		1(0)	H0,H1,H6	○	PP
N 75	75	60	7.0	303	170	201	224	13.8	5.0	15	A		1	H1,H6	○	PP
NS 100	75	60	70	303	170	201	224	13.8	5.0	15	A		1	H2, H6	○	PP
NX 120-7 (L)	80	64	7.0	303	170	201	224	15.0	4.6	17	A		1(0)	H1,H6	○	PP
N 100 A	95	76	10.0	406	173	209	232	15.4	7.8	15	A		1	H3	○	PP
N 100 (L)	100	80	10.0	406	173	209	232	16.0	7.5	17	A		1(0)	H3	○	PP
N 120 A	110	88	11.0	502	180	210	255	18.8	9.8	19	E		3	H2,H4	○	PP
N 120	120	96	12.0	502	180	210	255	19.9	9.5	21	E		3	H2,H4	○	PP
N 150 A	140	112	15.0	505	220	210	255	22.8	12.0	23	E		3	H2,H4	○	PP
N 150 (L)	150	120	15.0	505	220	210	255	23.5	11.5	25	E		3(2)	H2,H4	○	PP
N 200 A	190	152	17.0	517	275	216	261	30.2	15.5	31	E		3	H2,H4	○	PP
N 200	200	160	17.0	517	275	216	261	31.2	15.0	33	E		3	H2,H4	○	PP
55D23R (L)	60	48	5.0	230	171	200	223	9.5	3.7	11	A		1(0)	H0,H8	○	PP
75D23R (L)	65	52	5.0	230	171	200	223	11.1	3.5	13	A		1(0)	H0,H8	○	PP
For American Vehicles																
S74-60	60	48	5.0	276	184	202	202	11.0	4.0	11	F (SIDE)		4	H0	○	PP
S74-60 T	60	48	5.0	276	184	202	202	11.0	4.0	11	F (SIDE)		5	H0	○	PP
TX 600	66	53	6.0	263	172	179	197	11.0	4.5	13	A		1	H0	○	PP

JUMBO specifications:

Type DIN Model	Capacity (Ah)		Charging Rate (Amperes)	Charging Performance at 17.8 C (Amperes)	Overall Dimension (mm.)				Approx. Weight (Kgs.)	Approx. Acid/ Batt (l)	Plate/ Cell (Pcs.)	Terminals		Cell Lay-Outs	Base Hold Downs	Handle Type	Rubber Hose	Container Material
	20Hrs.	5Hrs.			L	W	H	TH				Standard	Option					
For European Vehicles																		
53621	36	29	3.5	175	210	175	175	175	8.3	2.7	9	A		0	B4	H7	◉	PP
53624	36	29	3.5	175	210	175	175	175	8.3	2.7	9	A		0	B1	H7	◉	PP
53638	36	29	3.5	175	210	175	175	175	8.3	2.7	9	A		1	B1	H7	◉	PP
53646	36	29	3.5	175	210	175	175	175	8.3	2.7	9	A		0	B4	H7	◉	PP
54434	44	35	4.0	210	210	175	190	190	9.4	3.0	9	A		0	B3	H7	◉	PP
54437	44	35	4.0	210	210	175	190	190	9.4	3.0	9	D		0	B3	H7	◉	PP
54449	44	35	4.0	210	210	175	190	190	9.4	3.0	9	A		1	B3	H7	◉	PP
54533	45	36	4.0	220	241	174	177	177	8.8	3.3	11	A		0	B4	H7	◉	PP
54549	45	36	4.0	220	241	174	177	177	8.8	3.3	11	A		0	B1	H7	◉	PP
55530	55	44	4.5	255	241	174	190	190	9.7	3.5	11	A		0	B3	H7	◉	PP
55531	55	44	4.5	255	241	174	190	190	9.7	3.5	11	D		0	B3	H7	◉	PP
55548	55	44	4.5	255	241	174	190	190	9.7	3.5	11	A		1	B3	H7	◉	PP
56312	63	50	6.0	300	276	174	175	175	11.0	4.4	13	A		0	B3	H1	◉	PP
56618	66	53	6.0	300	276	174	190	190	11.3	4.8	13	A		0	B3	H1	◉	PP
57217	72	58	6.0	420	276	174	190	190	12.6	4.0	15	A		0	B3	H1	◉	PP
DIN 75	75	60	6.0	420	276	174	190	190	12.8	4.0	15	A		0	B3	H1	◉	PP
58815	88	70	8.0	395	353	174	190	190	15.1	5.5	17	A		1	B3	H1	◉	PP
58821	88	70	8.0	395	353	174	190	190	15.1	5.5	17	A		0	B3	H1	◉	PP
DIN 100	100	80	9.5	450	353	174	190	190	16.2	5.2	19	A		0	B3	H1	◉	PP



NOTE :

1. H0 : Without Handle
2. H1 : With Flip Handle
3. H2 : With Fixed Handle
4. H3 : With Drop Handle
5. H4 : With Rope Handle
6. H5 : With Side-Dual Handle
7. H6 : With Basket Handle
8. H7 : With Single-Flip Handle
9. H8 : With Butterfly Handle
10. ◉ : With Rubber PE Hose
11. ◯ : Without PE Hose
12. PP : Polypropylene Container

Heavy Duty Battery Easy-Sellers

- *Long in service life*
- *Low water consumption*
- *Low self discharging*
- *Long shelf life*
- *Easy Hand Carry*
- *Attractive packaging*

12 N24-3

NS 60

N 50

N 60

NS 70

N 120

DIN 55530

DIN 56618

DIN 58815

INSTRUCTION :

JUMBO

A Battery with more Starting power

A- Safty First

While handling batteries. Please be aware that batteries contain electrolyte, and it is a solution of sulphuric acid and water that can destroy clothing burn the skin..use extreme caution when handing electrolyte.

- Make sure the batteries are stored and work in a well ventilated area, and always wear safety glasses, face shield, hand gloves and protective clothes when handling these batteries.
- Keep all sparks, flames and cigarettes away from the battery.
- Do not remove or damage vent caps.
- Never clean over battery while boosting, testing or charging.

B- Storing a Dry - Charged Battery

1- Inspect the battery carefully from any possible damages while un-packing a new battery.
2- Store these dry-charge batteries in a dry and cool place..at all times when not in sevice to maintain the maximum shelf life.
3- All batteries should be arrayed in a way that the earliest manufactured battery be sold/used on the intended vehicle first, FIFO.

c- Instructions for easy activation and installation of a new Dry-Charged battery

1- Start removing the used battery from the vechicle.To avoid danger of short-circuit once removing the battery from the car. disconnect / remove the negative terminals-ground cable 1st. "Which is connected to the car"
2- Remove old battery - note position of posistive + and negative - terminals. Mark the cable for correct connection once fitting new battery.
3- Inspect the cable and terminals and scrub them with a wire brush and water to remove corrosion "if appeared". And clean the cable and connecting parts to make perfect conduction.
4- Install the new battery in same position as the old one. Please identify the battery, battery in-service / starting date by marking on the special sticker located on the battery cover.
5- Insure that the new battery is charged enough for service.
6- Add Erectrolyte, fill each cell with electrolyte of specific gravity 1.245-1.255 at 20°c for tropical climate or 1.280 at 20°c for cold climate, note +/-0.005 to the level of approximate 3/16" (+/-1/8") below the bottom of the vent well or to the "Upper Level" limit of battery's container as show.
7- Allow the plates of battery be soaked with electrolyte for about 20 minutes after filling it.
8- Charge the battery using a charging rate per the specification until all cells are gassing freely. Keep the battery vents in place and charge in a well-ventilated area whenever charging batteries. When charging is complete, turn off charger and disconnect the battery.
9- Adjust electrolyte if required to bring to proper level. Do not over fill battery. Replace service vents and install the battery per equipment manufacturer's instructions. When connecting cable terminals to battery terminals, sufficiently polish and coat them with rust proof grease.

Keypoint for Battery long life

1. Add distilled water to battery only if necessary during service and never add acid itself to battery if not spill out.
2. Store battery in cool and dry place, and re-charge at least once a month at higher than 20°c storage temperature or once every 2 month at lower than 10°c storage temperature.
3. If specific gravity of acid falls down below 1.200at 20°c, the battery needs charing.
4. Always keep the top of batteries clean and dry to reduce self-discharge.
5. Keep the battery vent plugs or vent tube clean and free from debris.
6. Check the specific gravity of acid periodically with hydrometer and take care the battery in according to the specific gravity of acid which is the best indication of battery state of charge

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