

VANTOM[®]

- INVERTERS BATTERY
- SOLAR BATTERY
- AGM / VRLA BATTERY
- AUTOMOTIVE BATTERY



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VANTOM[®]

Tubular Batteries

Save The Planet Using
Alternative Energy



VANTOM[®]

Tubular Batteries



Features

Extra Reserve

Excellent Reserve Capacity as per C10
Low Rate of self discharge

Specification

Solar tubular Battery design as per IS 13369 & IEC 61427
Designed for deep cyclic Solar Application Available in 12V & 2V Range.
MNRE Approved Product.

Low Maintenance

1. Special alloy grids ensure low gassing and minimum water loss.
2. 20% Extra electrolyte for less topping & better thermal Management.
3. Low internal resistance seal and leak proof.
4. Float indicators for electrolyte levels.

Deep Cycle

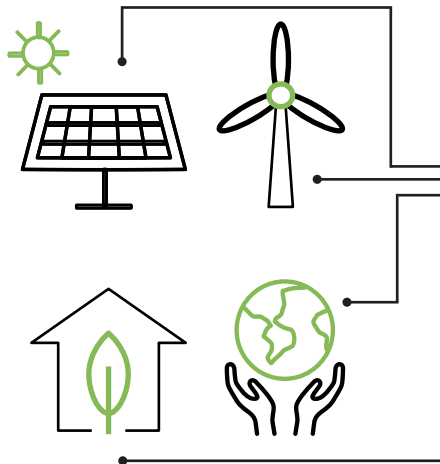
1. Consistent back-up high charge acceptance due to usage of PE separator
2. Special additives for better charge acceptance and retention

Environment Friendly

Save fuel and provide eco-friendly environment.
Special design to make proper use of resources.
Non-polluting and clean source of energy.



Inverter Batteries



Technical Specifications

S.NO	Battery Models	Normal Voltage	Rating	Total Warranty (months)	Dimensions in mm (=5mm)				Battery Layout	Charging Current	Packed Wt. (kg) =3
					L	W	H	Height With Float			
SHORT TUBULAR BATTERIES (INSTA POWER)											
1.	LSTJ 2048 PLUS	12	180 Ah	24 + 24*	515	270	295	315	L	12	55.0
2.	LSTJ 1948	12	160 Ah	24 + 24*	505	215	295	315	L	12	40.0
3.	LSTJ 1842	12	150 Ah	21 + 21*	505	215	295	315	L	12	43.0
4.	LSTJ 1642	12	135 Ah	21 + 21*	505	215	295	315	L	12	43.0
5.	LSTJ 1536	12	120 Ah	18 + 18*	505	215	295	315	L	12	49.0
SHORT TUBULAR - INSTA POWER (FOR SALE IN DELHI)											
6.	LSTJ 1648	12	135 Ah	24 + 24*	505	215	295	315	L	10	43.0
7.	LSTJ 1548	12	110 Ah	24 + 24*	505	215	295	315	L	9	42.5
TALL TUBULAR BATTERIES (INSTA POWER)											
8.	LITT 27066	12	240 Ah	42 + 24*	503	189	411	430	L	14	66.0
9.	LITT 25066	12	210 Ah	42 + 24*	503	189	411	430	L	14	63.0
10.	LITT 21066	12	180 Ah	42 + 24*	503	189	411	430	L	14	58.0
11.	LITT 19066	12	165 Ah	42 + 24*	503	189	411	430	L	13	58.0
12.	LITT 15063	12	150 Ah	39 + 24*	503	189	411	430	L	12	57.0
13.	LITT 18054	12	160 Ah	42 + 24*	503	189	411	430	L	12	55.0
14.	LITT 18048	12	150 Ah	24 + 24*	503	189	411	430	L	12	55.0
15.	LITT 12060	12	110 Ah	36 + 24*	503	189	411	430	L	12	55.0

Due to continuous product development our specification are subject to change without notice


- ✓ **Low Rate of Self Discharge**
- ✓ **Excellent Reserve Capacity as per C10**
- ✓ **Non-polluting and clean source of energy**
- ✓ **Factory Filled and initial Charged, Ready to install**
- ✓ **Solar tubular Battery design as per IS 13369 & IEC 61427**
- ✓ **Designed for deep cyclic Solar Application Available in 12V & 2V Range**
- ✓ **Save fuel and provide eco-friendly environment, Special design to make proper use of resources**

MODEL 12V	AH	TYPE	Packed wt wt $\pm 3\%$	L	W	H	Hight with float	Charging Current	Battery Layout
LS 2036	20	S T	14.00	255	170	235	255	2	L
LS 4024	35	S T	22.50	365	190	260	280	4	L
LS 4036	40	S T	23.50	365	190	260	280	4	L
LS 6036	60	S T	27.00	410	175	290	310	6	L
LS 7524	60	S T	28.00	410	175	290	310	7	L
LS 7536	75	S T	29.00	410	175	290	310	8	L
LS 10036	100	S T	42.00	505	215	295	315	10	L
LS 12036	120	S T	44.00	505	215	295	315	12	L
LS 15036	150	T T	57.00	505	190	410	430	15	L
LS 150036	135	T T	55.00	505	190	410	430	15	L
LS 180036	150	T T	57.00	505	190	410	430	15	L
LS 240036	200	T T	63.00	505	190	410	430	20	L
LS 150060	135	T T	55.00	505	190	410	430	15	L
LS 180060	150	T T	57.00	505	190	410	430	15	L
LS 240060	200	T T	63.00	505	190	410	430	20	L

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VANTOM®

AGM/VRLA

-  Network communication equipments
-  DC power supply
-  Medical equipments
-  Power station systems
-  Electronic weighing machines
-  Emergency lighting
-  Railway signalling systems
-  UPS backup
-  Tele-communication power supply



- Wide Operating Temperature Range
- Operate And Recharge In Any Position
- High Grade Lead Calcium Alloy Grid

- Quick Deep - Discharge Recovery
- Ultra Low Self - Discharging
- Robust ABS Casing

Cycle life in relation to depth of discharge

Self discharge Characteristics

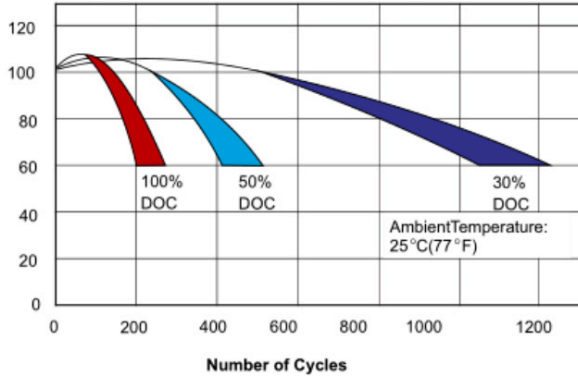
Cycle Life in Relation to Depth of Discharge

Testing condition

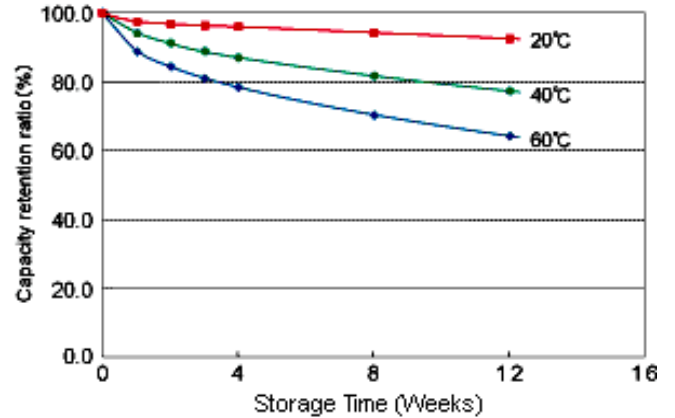
Discharging: current 0.17C(FV 1.7V/cell);

Charging: current 0.25C max, voltage 2.45V/cell;

Charging volume:125% of discharged capacity.




Storage characteristics



Technical Specifications

Model	Capacity (AH) at 27° c					HRD 0.5 hr Amperes 9.6v	Dimensions (mm) ± 3mm				Normal Charging Current (A)	Short Circuit Current (A)	Internal Resistance (mΩ)	Battery Wight (Kg) ± 3%	Terminal Type
	20 hr 10.5v	10 hr 10.5v	5 hr 10.5v	3 hr 10.5v	1 hr 10.2v		L	W	H	LH					
SSP12-6.5	6.50	6.05	5.53	4.88	3.90	6.50	151.50	65.00	94.00	100.00	0.65	97.50	30.00	2.00	F2
SSP12-7	7.00	6.51	5.95	5.25	4.20	7.00	151.50	65.00	94.00	100.00	0.70	105.00	30.00	2.15	F2
SSP12-7.5	7.50	6.98	6.38	5.63	4.50	7.50	151.50	65.00	94.00	100.00	0.75	112.00	30.00	2.35	F2
SSP12-9	9.00	8.37	7.65	6.75	5.40	9.00	151.50	65.00	94.00	100.00	0.90	135.00	19.00	2.55	F2
SSP12-10	10.00	9.30	8.50	7.50	6.00	10.00	151.00	98.00	94.50	100.00	1.00	150.00	15.00	3.35	F2
SSP12-12	12.00	11.16	10.20	9.00	7.20	12.00	151.00	98.00	94.50	100.00	1.20	180.00	15.00	3.55	F2
SSP12-18	18.00	16.74	15.30	13.50	10.80	18.00	180.00	77.00	172.00	172.00	1.80	270.00	14.00	6.00	T4
SP12-26	26.00	24.18	22.10	19.50	15.60	26.00	166.00	176.00	125.00	125.00	2.60	390.00	14.00	8.45	T5
SP12-42	42.00	39.06	35.70	31.50	25.20	42.00	197.00	165.00	179.00	179.00	4.20	630.00	13.00	13.40	T6
SP12-45	45.00	41.85	38.25	33.75	27.00	45.00	197.00	165.00	179.00	179.00	4.50	675.00	13.00	14.50	T6
SP12-55	55.00	51.15	46.75	41.25	33.00	55.00	349.00	167.00	190.00	192.00	5.50	825.00	11.00	19.50	T6
SP12-65	65.00	60.45	55.25	48.75	39.00	65.00	349.00	167.00	190.00	192.00	6.50	975.00	11.00	21.90	T6
SP12-75	75.00	69.75	63.75	56.25	45.00	75.00	349.00	167.00	190.00	192.00	7.50	1125.00	11.00	23.50	T6
SP12-90	90.00	83.70	76.50	67.50	54.00	90.00	331.00	173.00	223.00	225.00	9.00	1350.00	9.00	28.90	T6
SP12-100	100.00	93.00	85.00	75.00	60.00	100.00	331.00	173.00	223.00	225.00	10.00	1500.00	5.30	30.00	T6
SP12-120	120.00	111.60	102.00	90.00	72.00	120.00	405.00	172.00	226.00	226.00	12.00	1800.00	4.00	37.20	T8
SP12-130	130.00	120.90	110.50	97.50	78.00	130.00	485.00	170.00	242.00	242.00	13.00	1950.00	4.00	40.40	T8
SP12-150	150.00	139.50	127.50	112.50	90.00	150.00	485.00	170.00	242.00	242.00	15.00	2250.00	3.60	43.70	T8
SP12-165	165.00	153.45	140.25	123.75	99.00	165.00	485.00	170.00	242.00	242.00	16.50	2475.00	3.60	48.50	T8
SP12-200	200.00	186.00	170.00	150.00	120.00	200.00	522.00	238.00	219.00	225.00	20.00	3000.00	3.60	60.00	T8
SP12-220	220.00	204.60	187.00	165.00	132.00	220.00	522.00	238.00	219.00	225.00	22.00	3300.00	3.00	63.00	T8
SP12-240	240.00	223.20	204.00	180.00	144.00	240.00	522.00	238.00	219.00	225.00	24.00	3600.00	3.00	66.00	T8



Feel The Power Every Time You
Start Engine

VANTOM[®]
Automotive Batteries

- ✓ DESIGNED FOR LONG LIFE
- ✓ BUILT-IN-FLAME ARRESTOR
- ✓ MAINTENANCE FREE BATTERY
- ✓ CALCIUM+SILVER SMF TECHNOLOGY
- ✓ SUITABLE FOR TROPICAL CONDITIONS
- ✓ HIGH CRANKING PERFORMANCE

Automotive Batteries



Technical Specifications

Old JIS & DIN	NEW JIS	ACDelco Part No.	AH	Dimension						Qty/Pallet	Qty/Container
				CCA	RC	L	W	H	TH		
NS40	38B19R		32	280	41	185	127	200	220	96	2304
NS40	38B19R		32	280	41	185	127	200	220	96	2304
NS40L	38B19L		32	280	41	185	127	200	220	96	2304
NS40LS	38B19LS		32	280	41	185	127	200	220	96	2304
NS40Z	40B19R	NS40ZMF	35	310	53	185	127	200	220	96	2304
NS40ZL	40B19L	NS40ZLMF	35	310	53	185	127	200	220	96	2304
NS40ZLS	40B19LS	NS40ZLSMF	35	310	53	185	127	200	220	96	2304
N40	45B24R	N40MF	40	390	60	234	127	200	220	81	1944
N40L	45B24L	N40LMF	40	390	60	234	127	200	220	81	1944
N40S	45B24S		40	390	60	234	127	200	220	81	1944
N40LS	45B24LS		40	390	60	234	127	200	220	81	1944
NS60	50B24R	NS60MF	45	420	67	234	127	200	220	81	1944
NS60L	50B24L	NS60LMF	45	420	67	234	127	200	220	81	1944
NS60S	50B24RS	NS60SMF	45	420	67	234	127	200	220	81	1944
NS60LS	50B24LS	NS60LSMF	45	420	67	234	127	200	220	81	1944
55D23R	55D23R	55D23R	60	500	93	230	172	200	220	63	1512
55D23L	55D23L	55D23L	60	500	93	230	172	200	220	63	1512
N50	48D26R	N50MF	50	480	75	257	172	200	220	54	1296
N50L	48D26L	N50LMF	50	480	75	257	172	200	220	54	1296
N50Z	60D26R	N50ZMF	60	520	93	257	172	200	220	54	1296
N50ZL	60D26L	N50ZLMF	60	520	93	257	172	200	220	54	1296
NS70	65D26R	NS70MF	65	580	103	257	172	200	220	54	1296
NS70L	65D26L	NS70LMF	65	580	103	257	172	200	220	54	1296
80D26R	80D26R	NX110-5MF	70	600	103	257	172	200	220	54	1296
80D26L	80D26L	NX110-5LMF	70	600	103	257	172	200	220	54	1296
N70	65D31R	N70MF	70	610	112	302	172	200	220	51	1224
N70L	65D31L	N70LMF	70	610	112	302	172	200	220	51	1224
N70Z	90D31R		75	630	122	302	172	200	220	51	1224
N70ZL	90D31L		75	630	122	302	172	200	220	51	1224
NX120-7	95D31R	NX120-7MF	80	710	131	302	172	200	220	51	1224
NX120-7L	95D31L	NX120-7LMF	80	710	131	302	172	200	220	51	1224

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Old JIS & DIN	NEW JIS	ACDelco Part No.	AH	Dimension						Qty/Pallet	Qty/Container
				CCA	RC	L	W	H	TH		
N90	105D31R	105D31R	90	790	150	302	172	200	220	51	1224
N90L	105D31L	105D31L	90	790	150	302	172	200	220	51	1224
N100	115E41R	N100RSMF	100	670	171	400	171	200	220	36	864
N100L	115E41L	N100LSMF	100	670	171	400	171	200	220	36	864
N120	135F51R	N120MF	120	760	212	505	172	210	230	30	720
N120L	135F51L	N120MF	120	760	212	505	172	210	230	30	720
N150	185G51R	N150SMF	150	920	276	505	212	210	230	24	576
N150L	185G51L	N150SMF	150	920	276	505	212	210	230	24	576
N170	195G51R	N170SMF	170	980	340	505	212	210	230	24	576
N170L	195G51L	N170SMF	170	980	340	505	212	210	230	24	576
N200	225H52R	N200MF	200	1100	387	509	274	217	237	18	432
N200L	225H52L	N200MF	200	1100	387	509	274	217	237	18	432
LN1-54459	LN1-54459		44	420	65	207	174	190	190	72	1728
LN2-55559	LN2-55559	20-55	55	480	84	242	174	190	190	60	1440
LN2-56219	LN2-56219	47-7MF	62	550	97	242	174	190	190	60	1440
LN2-55565	LN2-55565	30-55	55	480	94	242	174	190	190	60	1440
LN3-56638	LN3-56638	30-70	66	560	105	277	174	190	190	54	1296
LN3-57417	LN3-57417	48-7MF	74	640	120	277	174	190	190	54	1296
LN3-57412	LN3-57412	M24-MF	74	640	138	277	174	190	190	54	1296
LN3-57413	LN3-57413	M24-MF	74	640	138	277	174	190	190	54	1296
LN3-56618	LN3-56618	20-66	66	560	134	277	174	190	190	54	1296
LN3-56640	LN3-56640	20-66	66	560	134	277	174	190	190	54	1296
LN4-58590	LN4-58590	94R-72	85	710	141	314	174	190	190	45	1080
LN4-58043	LN4-58043	94R-72	80	700	160	314	174	190	190	45	1080
LN5-58833	LN5-58833		88	800	146	353	174	190	190	36	864
LN5-58827	LN5-58827		88	800	168	353	174	190	190	36	864
LN5-60038	LN5-60038	20-100	100	870	170	353	174	190	190	36	864
LBN1-54321	LBN1-54321	27-44	43	480	66	207	174	175	175	72	1728
LBN1-54322	LBN1-54322	27-44	43	480	66	207	174	175	175	72	1728
LBN2-55457	LBN2-55457	27-55	54	560	74	242	174	175	175	60	1440
LBN2-55459	LBN2-55459	27-55	54	560	74	242	174	175	175	60	1440
LBN2-56077	LBN2-56077	90-6MF	60	600	97	242	174	175	175	60	1440
LBN3-56628	LBN3-56628	27-66	66	620	108	277	174	175	175	54	1296
LBN3-57439	LBN3-57439	27-74	74	700	120	277	174	175	175	54	1296
LBN4-58514	LBN4-58514		85	770	130	314	174	175	175	45	1080
LBN5-58820	LBN5-58820		88	830	145	353	174	175	175	36	864
LBN5-59219	LBN5-59219		92	850	150	353	174	175	175	36	864

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