

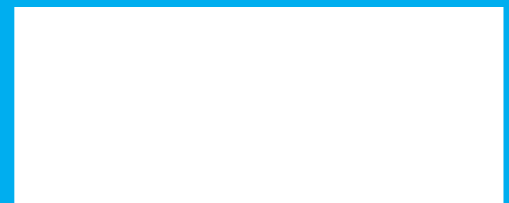
APPLICATIONS



Daskrupa, Opp. Shiv Mandir, Near Chickenghar
Police Stn. Karnik Road, Kalyan West,
Pin 421301. Dist. Thane.

+91 9820787357
skpowersolutions15@gmail.com
www.tracpower.in

Dealer Contact :



SK POWER SOLUTIONS

TRACPOWER

SILENT POWER...
FOR YOUR POLLUTION FREE ELECTRIC VEHICLES



Heat Sealed Traction Batteries



Rail Carriage



MHE Equipment



Marine Application



Solar



Tracpower Traction Batteries are designed to enhance performance standards for power needed in full shift operation of fork lifts, pallet trucks, material handling equipments and other battery operated vehicles.

ABOUT US

S.K. Power Solutions are the manufacturers of wide range of Lead Acid **TRACPOWER** Traction Batteries including Semi Traction Batteries.

Tracpower Batteries are manufactured by us are under the complete technical guidance of experienced team of erstwhile well renowned manufactures in India also draws strength from a vast pool of well qualified, dedicated & experienced engineers and technicians.

Tracpower Batteries conforms to IS 5154 specifications and are also in accordance with B.S & DIN standards and meet the daily duty cycle having a better reserve capacity.

FEATURES

- Compatible with tough operating environment. Batteries are built with special alloy to withstand extreme service conditions, rough handling and corrosive effects.
- Heat sealed construction eliminates acid leakages.
- Cells are assembled in high impact resistant poly-propylene container, hence extra strength, longer life and no bulging.
- Positive grids are made from special alloy with automatic high pressure die casting machine for extra strength.
- Assembled with envelope type micro porous flexible polyethylene separators having low resistance & higher volume porosity which helps to extend life and reliability.
- Positive plates are with special type of tough Gauntlet(GT) tubes having high bursting strength.
- Batteries are with standard Flip Top / Threaded vent plugs for easy acid level observation and topping up.
- Guaranteed after sales service.

SELECTING YOUR BATTERY

While ordering please provide the following information to ensure perfect fitment

- Make, type and model of truck
- Type of battery
- Capacity of battery in Ah (Ampere Hour) at 5 hour rate of discharge and battery voltage
- Overall maximum dimension of existing battery
- Clear inside dimensions of battery compartments
- Number of cells per battery and arrangement layouts with end terminals position.
- Take off cable required if other than standard length(1000 mm.)

Kindly furnish the above information in detail, in case your requirement is not covered in this catalogue.

Silent Power...



for your Pollution Free electric Vehicles

DIN TYPE OF CELL

Type of cell	Ah @ C5 at 30	Cell Dimension in mm				Cell Weights in Kg	
		Length +/-2mm	Width +/-2mm	Overall Height +/-5mm	Height upto lid top +/-5%	Without Acid	With Acid
SXWAF5K	120	47	198	378	348	6.4	8.3
SXWAF7K	180	65	198	378	348	9.1	12.1
SXWAF9K	240	83	198	378	348	11.8	15.7
SXWAF11K	300	101	198	378	348	14.5	19.3
SXWAF13K	360	119	198	378	348	17.3	23.1
SXWAF15K	420	137	198	378	348	20	26.7
SXWAF17K	480	155	198	378	348	22.8	30.5
SXWAF19K	540	173	198	378	348	25.5	34.2
SXWAF21K	600	191	198	378	348	28.3	37.8
SXWBF5K	160	47	198	445	415	8.2	10.5
SXWBF7K	240	65	198	445	415	11.7	15.3
SXWBF9K	320	83	198	445	415	15.2	19.9
SXWBF11K	400	101	198	445	415	18.6	24.4
SXWBF13K	480	119	198	445	415	22.1	29.1
SXWBF15K	560	137	198	445	415	25.6	0.7
SXWBF17K	640	155	198	445	415	29.2	8.4
SXWBF19K	720	173	198	445	415	32.6	4.1
SXWBF21K	800	191	198	445	415	36.1	47.7
SXWCF5K	180	47	198	494	464	9.3	11.9
SXWCF7K	270	65	198	494	464	13.5	17.6
SXWCF9K	360	83	198	494	464	17.6	23
SXWCF11K	450	101	198	494	464	21.8	24.4
SXWCF13K	540	119	198	494	464	26	34
SXWCF15K	630	137	198	494	464	30.1	39.4
SXWCF17K	720	155	198	494	464	34.3	44.9
SXWCF19K	810	173	198	494	464	38.4	50.4
SXWCF21K	900	191	198	494	464	42.6	55.8
SLXWEF5K	220	47	198	582	552	11.5	14.5
SLXWEF7K	330	65	198	582	552	16.5	21.2
SLXWEF9K	440	83	198	582	552	21.4	27.7
SLXWEF11K	550	101	198	582	552	26.3	4.1
SLXWEF13K	660	119	198	582	552	31.2	40.7
SLXWEF15K	770	137	198	582	552	36.2	47.1
SLXWEF17K	880	155	198	582	552	41.2	5.7
SLXWEF19K	990	173	198	582	552	46.1	60.3
SLXWEF21K	1100	191	198	582	552	51.1	66.6
SXWEF5K	220	47	198	611	581	11.8	15.1
SXWEF7K	330	65	198	611	581	16.8	22
SXWEF9K	440	83	198	611	581	21.7	28.6
SXWEF11K	550	101	198	611	581	26.6	35.1
SXWEF13K	660	119	198	611	581	31.6	41.8
SXWEF15K	770	137	198	611	581	36.5	48.4
SXWEF17K	880	155	198	611	581	41.7	55
SXWEF19K	990	173	198	611	581	46.7	62
SXWEF21K	1100	191	198	611	581	51.6	68.5
SLXWFF5K	280	47	198	729	699	14.3	18.3
SLXWFF7K	420	65	198	729	699	20.5	26.7
SLXWFF9K	560	83	198	729	699	26.6	34.8
SLXWFF11K	700	101	198	729	699	32.6	42.7
SLXWFF13K	840	119	198	729	699	38.7	51
SLXWFF15K	980	137	198	729	699	44.8	59
SLXWFF17K	1120	155	198	729	699	51.2	67.4
SLXWFF19K	1260	173	198	729	699	57.3	75.6
SLXWFF21K	1400	191	198	729	699	63.4	83.6
SXWFF5K	280	47	198	753	723	14.4	18.6
SXWFF7K	420	65	198	753	723	20.6	27.1
SXWFF9K	560	83	198	753	723	26.7	35.3
SXWFF11K	700	101	198	753	723	32.8	43.4
SXWFF13K	840	119	198	753	723	39	51.8
SXWFF15K	980	137	198	753	723	45.1	59.9
SXWFF17K	1120	155	198	753	723	51.5	68.4
SXWFF19K	1260	173	198	753	723	57.6	76.8
SXWFF21K	1400	191	198	753	723	63.8	84.9

BS TYPE OF CELL

Type of cell	Ah @ C5 at 30	Cell Dimension in mm				Cell Weights in Kg	
		Length +/-2mm	Width +/-2mm	Overall Height +/-5mm	Height upto lid top +/-5%	Without Acid +/-5%mm	Quantity of Acid (Ltr)
SXVF5K	58	45	158	290	260	3.8	5
SXVF7K	87	61	158	290	260	5.3	6.8
SXVF9K	116	77	158	290	260	6.8	8.9
SXVF11K	145	93	158	290	260	8.2	10.7
SXVF13K	174	109	158	290	260	9.7	12.7
SXVF15K	203	125	158	290	260	11.2	14.6
SXVF17K	232	141	158	290	260	12.7	16.6
SXVF19K	261	157	158	290	260	14.7	19
SXVF21K	290	173	158	290	260	16.3	20.9
SXVF23K	319	189	158	290	260	17.8	23
SXVF25K	348	205	158	290	260	19.3	25

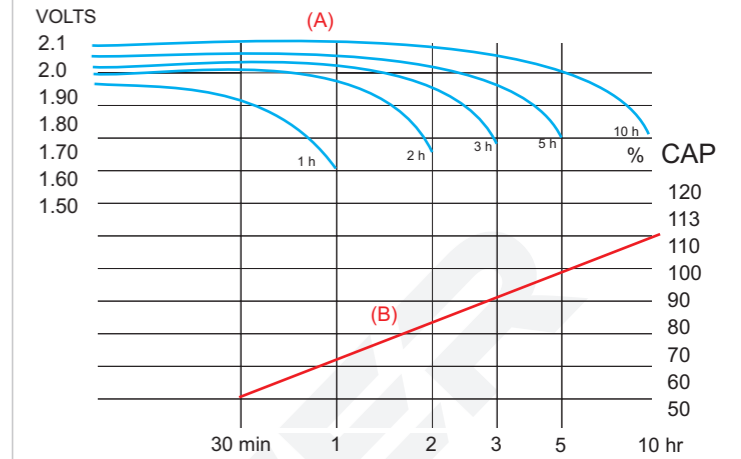
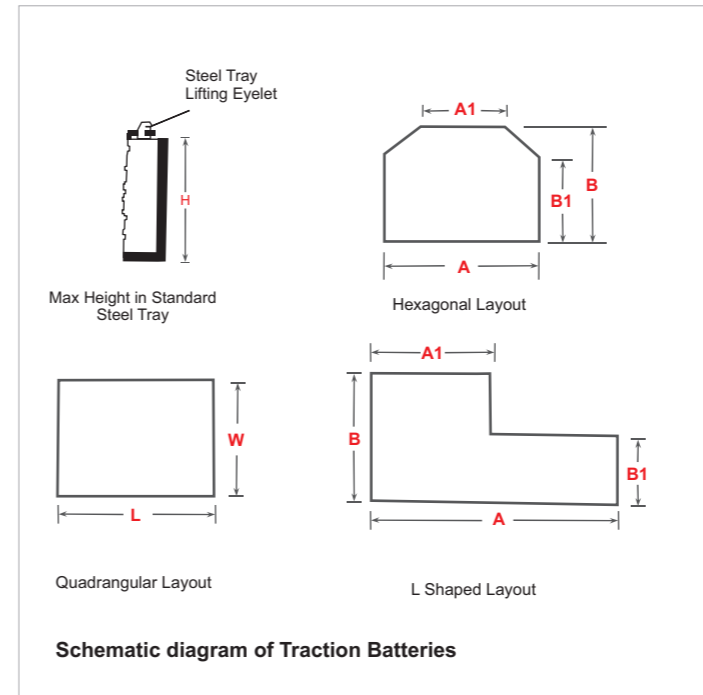
SIMF5K	80	45	158	369	339	4.8	6.3
SIMF7K	120	61	158	369	339	6.7	8.9
SIMF9K	160	77	158	369	339	8.6	11.5
SIMF11K	200	93	158	369	339	10.6	14
SIMF13K	240	109	158	369	339	12.5	16.6
SIMF15K	280	125	158	369	339	14.4	19.1
SIMF17K	320	141	158	369	339	16.4	21.8
SIMF19K	360	157	158	369	339	18.9	24.8
SIMF21K	400	173	158	369	339	20.9	27.5
SIMF23K	440	189	158	369	339	22.9	30.1
SIMF25K	480	205	158	369	339	24.8	32.6

SILF7K	144	61	158	437	407	8	10.6
SILF9K	193	77	158	437	407	10.4	13.7
SILF11K	241	93	158	437	407	12.7	16.7
SILF13K	290	109	158	437	407	15	19.8
SILF15K	336	125	158	437	407	17.4	22.8
SILF17K	385	141	158	437	407	19.7	26
SILF19K	432	157	158	437	407	22.6	29.6
SILF21K	482	173	158	437	407	24.9	32.7
SILF23K	528	189	158	437	407	27.4	35.9
SILF25K	578	205	158	437	407	29.7	38.9

STLF5K	110	45	158	488	458	6.4	8.5
STLF7K	166	61	158	488	458	9	11.6
STLF9K	221	77	158	488	458	11.7	15.5
STLF11K	277	93	158	488	458	14.3	18.9
STLF13K	332	109	158	488	458	17	22.4
STLF15K	385	125	158	488	458	19.6	25.9
STLF17K	443	141	158	488	458	22.8	30
STLF19K	495	157	158	488	458	25.5	33.4
STLF21K	553	173	158	488	458	28.1	36.9
STLF23K	605	189	158	488	458	30.9	40.8
STLF25K	664	205	158	488	458	0.5	44

STHF5K	129	45	158	544	514	7.2	9.6
STHF7K	194	61	158	544	514	10.2	13.5
STHF9K	258	77	158	544	514	13.2	17.5
STHF11K	323	93	158	544	514	16.2	21.3
STHF13K	387	109	158	544	514	19.2	25.3
STHF15K	453	125	158	544	514	22.1	29.2
STHF17K	516	141	158	544	514	25.7	33.8
STHF19K	582	157	158	544	514	28.7	37.7
STHF21K	645	173	158	544	514	31.6	41.6
STHF23K	712	189	158	544	514	34.7	45.7
STHF25K	775	205	158	544	514	37.7	49.6

FOR BATTERIES SELECTION REFER THESE LAYOUTS



(A) - Discharge characteristics at various rates of discharge
(B) - Capacity as a percentage of 5 hour capacity.

NOTES

- Capacity is quoted with electrocycle specific gravity 1.280 to 1.70 v.p.c. at 30°C as per Indian standard IS:5154.
- For Marine applications, capacity is given at 10 hr. rate at 27°C.
- Recommended working specific gravity of electrocycle for tropical climate is 1.250 0.005(Ref. 30°C).
- Battery weight and volume of electrocycle is given for approximate estimation only.
- Equalising charge rate should be given as per specified current after every 6 to 8 cycles for about 6 hours after fully charged battery.
- Initial charging time shall be as per instruction manual sent along with battery.
- The above specifications are subject to change without notice due to continuous innovation and improvement.
- We also manufacture customize Batteries as per customer requirements.
- Information given in the catalogue is in good faith but without warranty.



Cells are Assembled Poly-Propylene Container



MS Encasing with Epoxy / FRP Coating

BATTERY REPLACEMENT

Truck Model	Battery Type	Volts	Rating at 30o C	Max Overall Dimensions		
				Length	Width	Height
				in mm	(Tolerance=+3mm)	
GODREJ						
G050E/G075E	18SIMF17K	36V	320 AH	L1 830/L2 500	W1 630/W2470	400
G075E/G100E	18SIMF17K	36V	385 AH	L1830/L2 500	W1 630/W2470	495
G100(S)	18SIMF17K	36V	443 AH	L1 830/L2 500	W1 630/W2470	500
G100E(L)	18SIMF17K	36V	443 AH	825	611	537
G150E	18SIMF17K	36V	443 AH	990	475	540
G200E	18SILF25K	36V	578 AH	990	675	533
Ec40	18SILF25K	36V	664 AH	860	827	534
Ec40	18SILF25K	36V	664 AH	990	641	533
EC70(3T)	36STLF17K	72V	443 AH	1000	892	533
2 TONFLT	24STLF17RK	48V	470 AH	1020	700	570
CROWN SC1.6	24SXWFF9K	48V	440 AH	820	518	625
CROWN ESR1.4	24SXWFF7K	48V	420 AH	1220	280	790
CROWN SC1.25	24SXWFF7K	48V	330 AH	830	412	625
G150E1.5T	18SSTLF19K	36v	495 AH	1000	499	520
G200E2.0T	24SSTLF21K	48V	553 AH	1000	75	560
CROWN We2000	12SSXWFF7K	24v	330 AH	820	215	625
G200E(OLD)	18SSTLF23K	36v	605 AH	990	700	550
CROWN We2000	12SXWFF7K	24v	330 AH	820	215	625
G200E(OLD)	18STLF23K	36v	605 AH	990	700	550
FORK TRUKS/FTS						
POWER PALLAT TRUCK						
1000/1500/2000KG	12STLF7K	24V	166AH	723	221	533
STAKING TRUCK (1000KG)	12SIMF13K	24V	240AH	699	335	440
FORK TRUCK 2 TON	24STLF17K	48V	44AH	946	717	543
VOLTAS						
1.5 TON	18STLF21K	36V	553 AH	990	641	533
2.0 TON	18STLF23K	36V	605 AH	990	641	533
2.0 TON (OLD)	18STLF25K	36V	664 AH	990	641	533
2.5 TON (OLD)	18STHF23K	36V	712 AH	990	665	575
2.5 TON	18STHF25K	36V	775 AH	990	665	905
5 TON	36STHF25K	72v	775 AH	1285	1000	600
2.0 TON (NEW)	24STLF17K	48V	443 AH	902	718	518
2.5 TON (NEW)	24STHF17K	48V	516 AH	902	718	625
BT Truck	24SXWFF9K	48V	560 AH	1208	579	905
3 TON	24STHF25K	48V	810 AH	990	865	600
SWARAJ						
FB FORK LIFT	24STLF21K	48V	553 AH	1000	825	580
MAINI						
ETP5	2SX6XVF15K	24V	203 AH	510	275	330
Sc18	12SXWCF11K	24V	450 AH	650	415	520
Sp20	12SXWBF5K	24V	160 AH	630	210	500
ST15/SP36/SC14	12SXWFF7K	24V	330 AH	797	212	615
ST10/ST12/SP22/SP36/SC10	12STHF7RK	24V	244 AH	747	175	625
TT20/TT50	24SXWBF7K	48V	240 AH	794	415	480
MACNEILL						
RANGER1010	24SIMF17K	48V	320 AH	902	718	518
RANGER1015	24SILF17K	48V	385 AH	902	718	518
RANGER1020	24STLF17/24STHF17K	48V	443 AH	902	718	518/625
RANGER1025	36ISMF17K/36SILF17K	72V	516 AH	1022	914	637
RANGER1030	36SILF17K/36SILF17K	72V	320 AH	1022	914	637
TRANSLOADER(TL-2140)	2 X12SIMF17K	48V	385 AH	965	345	450
TRANSLOADER(TL-2040)	24SIMF17K	48V	443 AH	997	733	435
TRANSMASER (Tm2040)	24SXVF13K	48V	220 AH	972	524	463
HI-STACK(HS1010)	12SIMF13K	24V	553 AH	518	468	392

BATTERY REPLACEMENT

Truck Model	Battery Type	Volts	Rating at 30o C	Max Overall Dimensions		
				Length	Width	Height
				in mm	(Tolerance=+3mm)	
MACNEILL						
HI-LIFT 1110	12SIMF13K	24V	240 AH	699	335	440
HI-LIFT 1008	12SIMF13K	24V	240 AH	699	335	440
HI-LIFT 1008 (Tilting)	2 X6SIMF13K	24V	240 AH	363	338	400
COMUTER	12STLF7K	24V	166 AH	723	221	553
HI- REACH	8STHF11K/21K	24V	645 AH	L1- 497/L2 -271	W1 464/W2 287	838
R5010	24STLF11K	48V	241 AH	920	528	448
R1020	24STLF21K	48V	553 AH	921	884	572
HDC1.0	12STHF7K	24V	194 AH	723	220	600
HDC1.25/HDC1.5	12STHF9K	24V	258 AH	660	260	592
2 TONFLT	12SILF13K	24V	290 AH	696	340	480
Hr1015	12SXWFF11K	24V	700 AH	L1- 497/L2 -271	W1 464/W2 287	838
JUSTS						
2T,3 WheelerPlatform						
(Jumboelectric)	15 SILF9K	30V	193 AH	856	355	504
2T,3 WheelerPlatform						
(Jumboelectric)	15 SILF13K	30V	300 AH	856	355	504
2T,4 WheelerPlatform						
Josts Truck	18 SIMF17K	36V	299 / 320 AH	1000	467	395
Josts Truck	18 SIMF17K	36V	299 / 320 AH	1000	345	400
Pigmy	2 x 6 SILF7K	24V	144 AH	402	178	475
Pallet Truck	12 STHF7K	24V	194 AH	664	221	600
Josts Truck	18 SIMF17K	36V	299 / 320 AH	1000	475	400
JALDOOT						
3 Wheeler Platform	15 SILF13K	30V	300 AH	856	355	504
3 Wheeler Platform	15 SILF9K	30V	195 AH	856	355	504
Pallet Truck	12 STHF7K	24V	194 AH	723	221	600
Pallet Truck	12 STLF7K	24V	166 AH	723	221	600
4 Wheeler platform	18 SIMF17K	36V	299 / 320 AH	1000	467	395
4 Wheeler platform	18 SIMF17K	36V	299 / 320 AH	1000	345	400
4 Wheeler platform	SXWAF11K	36V	299 / 320 AH	912-918	415-420	455-465

