

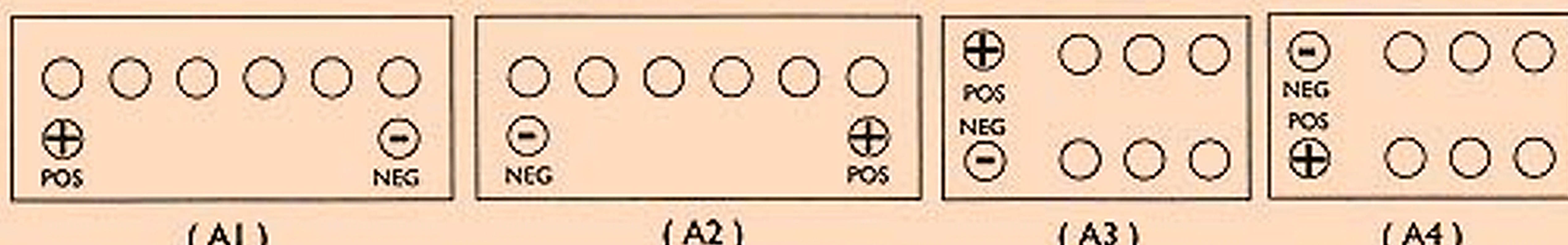
# CONSTRUCTION OF A BATTERY



- CORROSION-RESISTANT TERMINALS**  
Heavy duty terminals give minimum electrical resistance for maximum current flow.
- INTERCELL CONNECTIONS**  
Dramatically shortened power path thereby increasing current efficiency.
- WATTA - THE BRAND**  
The name that is synonymous with reliability, performance proven and advanced high technology for today and the future.
- SAFETY VENT PLUGS**  
Specially designed to eliminate electrolyte from escaping but allow easy exit of gases. Fitted with high quality P.V.C. gaskets.
- HIGH PERFORMANCE BONDING LID SEAL CONSTRUCTION**  
Permanently heat seal-bound to seal container to prevent electrolyte leakage.
- EXTRA LOW ANTIMONIAL GRID WITH SELENIUM**  
For extra low maintenance and minimal electrolyte loss.
- LONG LIFE POSITIVE PLATES**  
Designed with maximum surface area to provide more power for instant ignition.
- RUGGED NEGATIVE PLATES**  
Computerized designed to provide perfect balance with the positive plates to give maximum performance.
- LOW RESISTANCE ENVELOPED P.E. SEPARATORS**  
High porosity to ensure negligible internal resistance and allow free circulation of electrolyte.

## TECHNICAL SPECIFICATIONS

Type	Container	Volts	20 Hrs (5Hrs) Rated Capacity	Cold Cranking Amps Power (-18°C)	Reserve Capacity (Minutes)	Approx. Acid (L)	Approximate Weight		Overall Dimension (mm)				Assembly Layout	
							Dry (Kgs)	Wet (Kgs)	L	W	H	T.H		
▲ NS40Z	36B20R	P.P.	12	35 (28)	274	52	2.9	7.4	11.0	195	128	200	223	A1
▲ NS40ZL	36B20L	P.P.	12	35 (28)	274	52	2.9	7.4	11.0	195	128	200	223	A2
N40	32C24R	P.P.	12	40 (32)	238	57	3.7	7.4	12.1	237	135	203	227	A1
N40L	32C24L	P.P.	12	40(32)	238	57	3.7	7.4	12.1	237	135	203	227	A2
▲ NS60	46B24R	P.P.	12	45 (36)	325	71	3.4	10.3	14.5	237	127	201	226	A1
▲ NS60L	46B24L	P.P.	12	45 (36)	325	71	3.4	10.3	14.5	237	127	201	226	A2
NS0	48D26R	P.P.	12	50 (40)	278	81	5.1	9.8	16.1	260	174	195	218	A1
NS0L	48D26L	P.P.	12	50(40)	278	81	5.1	9.8	16.1	260	174	195	218	A2
NS0Z	55D26R	P.P.	12	60 (48)	348	101	5.0	10.9	17.2	260	174	195	218	A1
NS0ZL	55D26L	P.P.	12	60 (48)	348	101	5.0	10.9	17.2	260	174	195	218	A2
NS70	65D26R	P.P.	12	65 (52)	413	113	4.7	13.0	19.0	260	174	195	218	A1
NS70L	65D26L	P.P.	12	65 (52)	413	113	4.7	13.0	19.0	260	174	195	218	A2
55D23R	55D23R	P.P.	12	60 (48)	356	99	4.2	11.2	16.4	230	170	202	225	A1
55D23L	55D23L	P.P.	12	60 (48)	356	99	4.2	11.2	16.4	230	170	202	225	A2
■ N70	65D31R	P.P.	12	70 (56)	389	126	6.0	13.8	20.8	304	171	201	227	A1
■ N70L	65D31L	P.P.	12	70 (56)	389	126	6.0	13.8	20.8	304	171	201	227	A2
■ N70Z	75D31R	P.P.	12	75 (60)	447	137	5.8	15.0	22.4	304	171	201	227	A1
■ N70ZL	75D31L	P.P.	12	75 (60)	447	137	5.8	15.0	22.4	304	171	201	227	A2
■ NX120-7	95D31R	P.P.	12	80 (64)	447	159	5.8	15.0	22.4	304	171	201	227	A1
■ NX120-7L	95D31L	P.P.	12	80 (64)	447	159	5.8	15.0	22.4	304	171	201	227	A2
○ N100	95E41R	P.P.	12	100 (80)	512	182	8.1	18.6	28.6	414	178	211	236	A1
○ N100L	95E41L	P.P.	12	100 (80)	512	182	8.1	18.6	28.6	414	178	211	236	A2
★ N120	115F51	P.P.	12	120 (96)	638	228	10.6	21.2	34.5	501	182	211	255	A3
★ N120L	115F51L	P.P.	12	120 (96)	638	228	10.6	21.2	34.5	501	182	211	255	A4
★ N150	145G51	P.P.	12	150 (120)	754	294	12.0	24.3	39.6	512	221	210	255	A3
★ N150L	145G51L	P.P.	12	150 (120)	754	294	12.0	24.3	39.6	512	221	210	255	A4
★ N200	190H52	P.P.	12	200 (160)	924	421	16.8	32.9	54.4	516	274	219	265	A3
★ N200L	190H52L	P.P.	12	200 (160)	924	421	16.8	32.9	54.4	516	274	219	265	A4
◆ DIN36	53621	P.P.	12	36	175	-	3.0	8.8	12.4	207	174	174	174	A1
◆ DIN36L	53624	P.P.	12	36	175	-	3.0	8.8	12.4	207	174	174	174	A2
◆ DIN44	54449	P.P.	12	45	210	-	3.4	9.0	13.3	208	175	189	189	A1
◆ DIN44L	54434	P.P.	12	45	210	-	3.4	9.0	13.3	208	175	189	189	A2
◆ DIN45	54533	P.P.	12	45	220	-	3.6	8.9	12.4	242	175	175	175	A1
◆ DIN45L	54538	P.P.	12	45	220	-	3.6	8.9	12.4	242	175	175	175	A2
◆ DIN55	55548	P.P.	12	55	255	-	3.6	10.6	15.5	241	175	186	186	A1
◆ DIN55L	55538	P.P.	12	55	255	-	3.6	10.6	15.5	241	175	186	186	A2
◆ DIN66L	56638	P.P.	12	66	300	-	4.5	12.2	17.7	275	176	188	188	A2
◆ DIN88L	58827	P.P.	12	88	395	-	5.4	15.1	22.5	351	174	189	189	A2
◆ DIN74L	57412	P.P.	12	74	400	-	4.3	13.2	19.1	276	175	190	190	A2
◆ DIN100L	60038	P.P.	12	100	500	-	6.0	17.4	24.9	351	175	190	190	A2
■ CV17	-	P.P.	12	110	630	185	6.9	17.6	26.2	341	173	212	239	A1
■ CV17L	-	P.P.	12	110	630	185	6.9	17.6	26.2	341	173	232	239	A2
■ W25	-	P.P.	12	150	754	294	11.1	24.4	38.6	510	217	184	210	A3



- P.P.** Polypropylene
- ▲ Small terminals with adaptors for big terminal. (otherwise specify wording(s) for permanent large Terminals)
- Side / front with hold-downs
- ★ Kindly specify whether fixed or string (drop) handles
- With handles
- ◆ Both terminals sink down 22 mm (Original DIN Standard)
- Drop handles