

» TRUCK  STOPS «

INCOE

BATTERIES

*Check out our range
of Automotive and
Commercial Batteries
for quality and value*



INCOE BATTERY SPECIFICATIONS

BATTERY TYPE	VOLT	CAPACITY		RC (@-25A) minutes	CCA at - 18°C (Amp.)	SIZE (mm)				PLATES PER CELL	TERMINAL	LAY OUT
		20 HR (Ah)	5 HR (Ah)			L	W	H	TH			
12N24-3	12	28	21	35	211	187	127	162	178	9	C	2
12N24-4	12	28	21	35	211	187	127	162	178	9	C	1
NS40	12	33	26	49	280	195	129	200	227	9	B	1
NS40(S)	12	32	26	49	272	197	129	203	227	9	A	1
NS40L	12	33	26	49	280	195	129	200	227	9	B	2
NS40L(S)	12	32	26	49	280	195	129	200	227	9	A	2
NS40Z	12	35	28	52	280	195	129	200	227	11	B	1
NS40ZL	12	35	28	52	280	195	129	203	227	11	B	2
NS40Z(S)	12	35	28	52	280	195	129	203	227	11	A	1
NS40ZL(S)	12	35	28	52	280	195	129	203	227	11	A	2
N40	12	40	32	57	280	236	135	202	227	11	A	1
N40L	12	40	32	57	300	236	135	202	227	11	A	2
N46	12	42	34	57	300	235	173	184	210	7	A, C	1
N47	12	42	34	57	300	235	173	184	214	7	C2	2
NS60	12	50	36	71	380	236	129	203	225	13	B	1
NS60L	12	50	36	71	380	236	129	203	225	13	B	2
NS60(S)	12	50	36	71	380	236	129	200	225	13	A	1
NS60L(S)	12	50	36	71	380	236	129	200	225	13	A	2
NS60A(S)	12	50	32	71	380	236	129	200	225	13	A	1
NS60AL(S)	12	50	32	71	380	236	129	200	225	13	A	2
N50	12	60	40	71	420	235	173	184	210	11	A	1
N50L	12	50	40	81	278	260	173	204	225	9	A	2
N50Z	12	60	48	101	450	258	173	200	225	11	A	1
N50ZL	12	60	48	101	450	258	173	200	225	11	A	2
N52	12	70	56	105	500	258	170	200	225	13	A	1
N53	12	70	56	105	500	258	170	200	225	13	A	2
55D23R	12	60	48	99	356	232	173	204	225	11	A	1
55D23L	12	60	48	99	356	232	173	204	225	11	A	2
N70	12	70	56	113	389	306	173	204	225	13	A	1
N70L	12	70	56	113	389	306	173	204	225	13	A	2
N70Z	12	75	60	113	447	306	173	204	225	15	A	1
N70ZL	12	75	60	113	447	306	173	204	225	15	A	2
NX110-5	12	68	55	133	582	260	173	204	225	15	A	1
NX110-5L	12	68	55	133	582	260	173	204	225	15	A	2
NX120-7	12	80	64	159	622	306	173	204	225	17	A	1
NX120-7L	12	80	64	159	622	306	173	204	225	17	A	2
N100	12	100	80	182	650	410	176	213	234	17	A	1
N100L	12	100	80	182	650	410	176	213	234	17	A	2
N100T	12	100	80	182	600	410	176	212	234	19	A	2
N120	12	120	96	228	730	505	182	213	257	21	A	3
N150A	12	140	112	294	900	508	222	213	257	27	A	3
N150	12	150	120	294	900	508	222	213	239	25	A	3
N200	12	200	160	421	1100	521	278	220	270	29	A	3

Specifications subject to change without notice.

BATTERY CONVERSION CHART

CENTURY	EXIDE TYPE	LUCAS TYPE	APOLLO TYPE	BESCO TYPE	ENDURANT TYPE
Heavy Duty Automotive - 24 months Warranty					
NS40Z/NS40ZL	NS40ZAF/NS40ZL	NS40/NS40L	NS40/NS40L	BNS40Z/BNS40ZL	NS40/NS40L
NS40ZS/NS40ZLS	NS40ZA/NS40ZAL	NS40ZS/NS40ZLS	NS40ZA/NS40ZAL	BNS40ZS/BNS40ZLS	NS40ZS/NS40ZL
41/43	126/125HD	PN9/PN9RD	N40M/N39	B41/B43	126/125
46/47	127/156HD	PS9/PS9RD	N48/N49	B46/B47	127/156
N50Z/N50ZL	N50Z/N50ZL	N50Z/N50ZL	N50/N50ZL	BN50Z/BN50ZL	N50Z/N50ZL
55D23R/55D23L	-	-	-	55D23R/55D23L	-
03	02	6V11L	NO3	03	02
European Automotive - 24 months Warranty					
DIN36				DIN36	
DIN44 (37A)	37A/DIN44	PL9	N44	DIN44	DIN44
DIN55/L/F	DIN55/L/F	PL11/R/F	N55	DIN55/L/F	DIN55/L/F
DIN55B				DIN55B	
DIN65				DIN65	
DIN66	DIN66	DIN66	N66	DIN66	DIN66
DIN85				DIN85	
DIN88	DIN88	DIN88	N88	DIN88	DIN88
Premium Automotive - 24 months Warranty					
51/53				B51/B53	
57/58	127/156PR	KS11/KS11RD	N50/N51	B57/B58	127PR/156PR
NS60/L	NS60/NS60L	NS60/NS60L		NS60/NS60L	NS60/NS60L
NS60S/LS				NS60S/NS60L	
Truck and Trailer Commercial - 12 months Warranty					
20B	-	PE17	N23	20B	N621
23			N22	23	
26	115	PE27	N26	26	N625
NS70/NS70L	NS70/NS70L	NS70/NS70L	N52/N53	BNS70/BNS70L	NS70/NS70L
N70Z13	N70Z/N70ZL	PS13/PS13R	N70Z/N70ZL	BN70Z13	N70Z/N70ZL
N70Z15/N70ZL15	N70Z15/N70ZL15		N70ZZ/N70ZZL	BN70Z15/BN70ZL15	N70ZZ/N70ZZL
86/87	149/148	PS15/PS15R	N87/N87L	B86/B87	148/149
86Z/87Z				86Z/87Z	
89/89B	158/150	PT15/PT15R	N89/N89L	89/89B	150/158
94	055	12V25L	N94	94	055
N100	N100	N100	N100	N100	N100
N120	N120	N120	N120	N120	N120
N150	N150	N150	N150	N150	N150
N200	N200	N200	N200	N200	N200
Deep Cycle - 12 months Warranty					
12A	12B	DCE15	N12D	12A	
43T	AP35	DC7RD	N39T	43T	DC22NF-42
47T	AP50	DC11	N40T	47T	EL5
N70T	AP75	DCT13	N70ZT	N70T	
86T	AP90		N86T	86T	EL7
89T			N89T	89T	EL10
GC2	AP200		D10	GC2	GC2-19
CY220-6		DCET17		CY220-6	
Marine - 12 months Warranty					
47M				47M	
58M				58M	
46M	SC350	MP9	N46M	46M	M127/11
N50ZM	SC550	MP11	N50MZ	NSOZM	M24/13
N70ZM	SC500	MP13	N70ZT	N70ZM	M27/13
86M	SC650	MP15	N86T	86M	M27/15
Economy Range - 6 months Warranty					
G41/G43	125/126EC	CN9/CN9RD	N39/N40M	G41/G43	125EC/126EC
G46/G47	128/127EC	CS9/CS9RD	N46/N47	G46/G47	127EC/156EC
GNS40Z/GNS40ZL				GNS40Z/GNS40ZL	

BATTERY ASSEMBLY

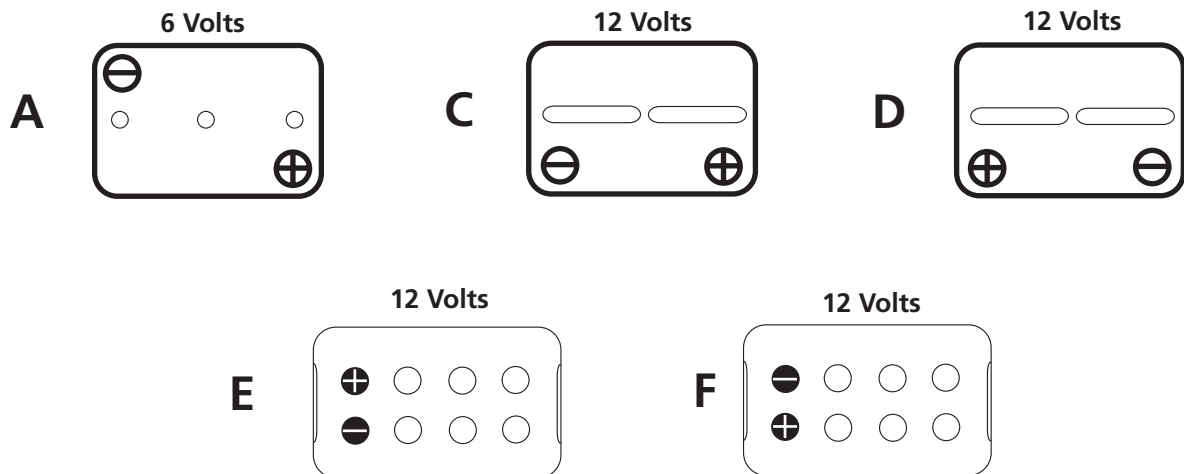
DEFINITIONS

CRANKING PERFORMANCE

The primary function of the battery is to provide power to crank the engine during starting. This requirement involves a large discharge in amperes over a short period of time. The cranking performance determines the battery's ability under cold starting conditions to maintain a sufficiently high voltage for ignition requirements while supplying the high engine cranking current for a sufficiently long period to ensure start.

RESERVE CAPACITY (MINUTES)

A battery must provide emergency power for ignition, lights, etc., in the event of failure in the vehicle's recharging system. The reserve capacity rating is the period in minutes which the battery is capable of delivering 25 amps at normal temperatures.



TERMINAL TYPE



JIS (SP)



STD



DUAL FIT (D/F)



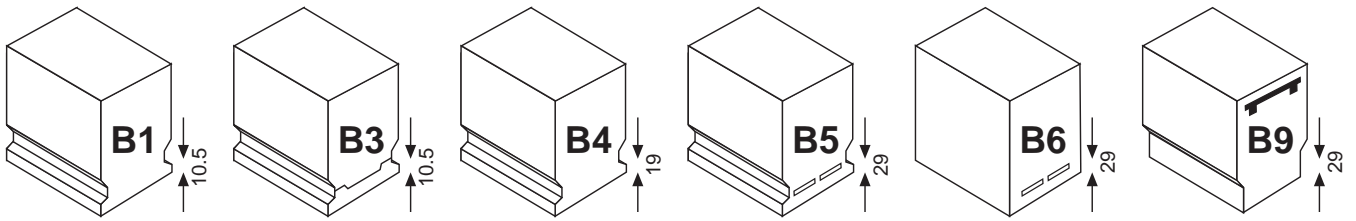
LUG

ABBREVIATIONS

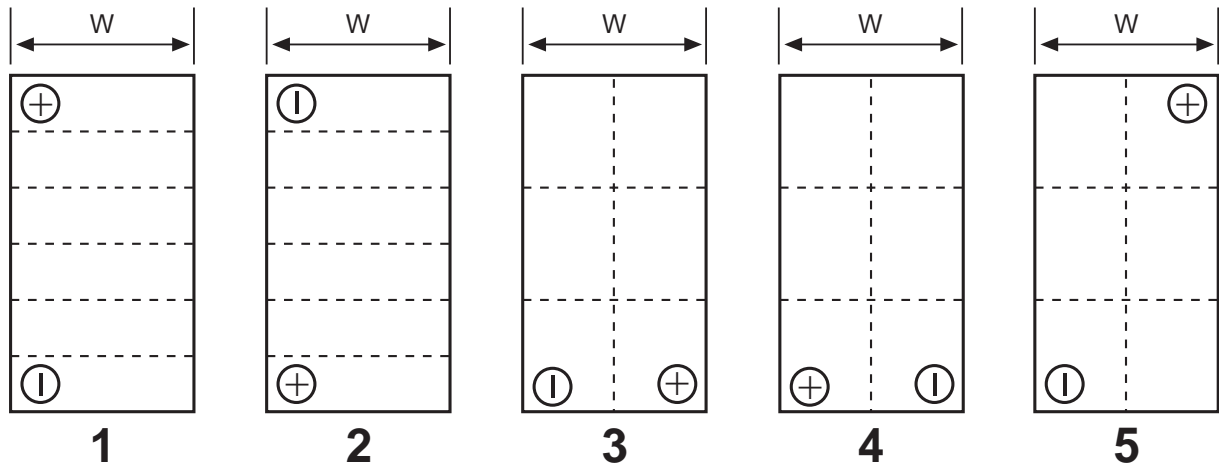
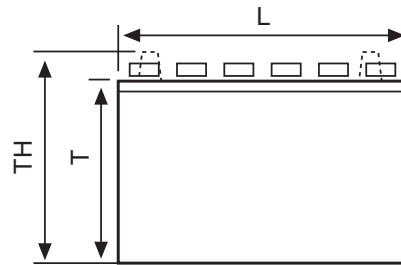
BL : Bottom Ledge
 BR : Bottom Recess
 BT : Breather Tube
 CT : Centre Terminals
 CH : Carry Handles
 DF : Dual Fit Terminals
 FS : Full Seated
 GM : Glass Mat around Positive Plates
 PC : Protective Cover
 RP : Recessed Terminal Posts
 SL : Side Ledge
 SP : Small Terminal Posts
 SR : Side Recess
 STD : Standard Terminals
 VR : Vibration Resistant
 ES : Envelope Separators

INCOE BATTERIES

BASE HOLD DOWN



LAYOUT



TERMINAL

