

ACDelco Conventional Battery Specifications/Application Chart

ACDelco Maintenance Free Battery Specifications/Application Chart



IDNS40Z



IDN150



IDN88



34B20R



75D31R



38B20R

Old JIS Battery Type	New ACDelco Part Number	Capacity (AH)		CCA (Amps)18° C	RC (Min.)25° C	Max Overall dimensions (mm)			Approx. Weight (Kg)		Application
		5 Hr. Rate	20 Hr. Rate			L	W	H	Dry	Filled	
NS40	IDNS40	26	32	225	45	197	129	227	7.0	10.0	Maruti-800, Maruti Omni, Maruti 800 DX
38B20R (NS40Z)	IDNS40Z	28	35	274	52	197	129	227	8.0	11.0	Maruti 800 DX, 1000, Esteem, Zen, Gypsy, Wagon R, Alto, Matiz, Santro
N50Z	IDN50Z	48	60	348	101	260	173	225	12.0	18.0	Ambassador Petrol, Ambassador 1800ISZ, Contessa, Premier-Diesel
N70Z	IDN70Z	60	70	447	137	305	173	225	16.3	22.7	Ambassador Diesel, Tata Sierra, TATA Estate Dyna, DCM Toyota, Bajaj Tempo, Matador Traveller, Cabstar-Alivyn Nissan, Eicher Canter, TELCO 407 & 607, HIND Isuzu HCV-24, TATA Indica, TAFE 1035, Escorts 330, 335 & 345, HMT Zetor 251 M&M (ITD)
95D31R	ID100A	64	80	512	145	305	173	225	17.5	23.5	TATA Sumo, Ashok Leyland-Comet & Tusker, Tata Safari, Toyota Qualis, M&M Bolero
N88	IDN88	70	88	500	175	410	176	233	17.5	26.5	Eicher all models, HMT Zetor 5911, HMT Zetor 3511, M&M (ITD), Mahindra Petrol & Diesel, Armada
N100	ID100	80	100	512	182	410	176	233	18.5	27	Ashok Leyland IVECO, Bajaj Tempo Traveller MGTL all models
N120	IDN120	96	120	570	228	502	180	213			TAFE 375 ET, Swaraj Mazda 37, Ashok Leyland-Hippo/Beaver, Ashok Leyland-Viking Cheetha, TATA
N150	IDN150	120	150	690	294	508	220	213			TATA HCV, Ashok Leyland Dumpers, Escorts JCB Loaders, Fork Lifts, Inverter Application (--- KVA)
N150A	IDN150A	-	135	630	255	508	220	213			TATA HCV, Ashok Leyland Dumpers, Escorts JCB Loaders, Fork Lifts, Inverter Application (--- KVA)
DIN44	IDIN44	-	44	170	60	210	175	190	10.0	13.5	Skoda Petrol 1.3L, UNO Petrol, Premier 118NE, Ford Ikon
DIN55	IDIN55	-	55	220	90	246	175	190	12.0	16.0	Daewoo Cielo, Skoda Felicia Diesel, Opel Astra, Hyundai Accent
DIN60	IDIN60	-	62	240	95	246	175	190	12.5	17.0	Benz E220-Petrol, Hyundai Sonata
DIN66	IDIN66	-	66	270	105	280	175	190	13.5	18.0	Standard Rover

New JIS Part No.	New India AC Delco Part NO.	Capacity (AH)		CCA (Amp) 18° C	RC (Mins) 25° C	Overall Dimensions (mm)				Approx wt in kgs	Application
		5 hrs (Ah)	20 hrs (Ah)			Length	Width	Container Height	Total Height		
34B20R	INS40MF	27	32	272	49	197	129	203	227	10.5	Maruti-800, Omni, Gypsy (1000cc), Honda Gensets
38B20R	INS40ZMF	28	35	332	52	197	129	203	227	11	Maruti-1000cc, Zen, Zen (Diesel), Esteem (LX & VX), Gypsy King (1300cc), Santro, Matiz
46B24R	INS60MF	36	45	325	71	238	129	203	227	12.5	Esteem AX, Tata Indica (Petrol)
48D26	IN50MF	40	50	278	81	260	173	204	225	16	Ambassador (Petrol), Padmini (Petrol), Bajaj Tempo (Minidor), Greaves (Garuda)
55D26R	IN50ZMF	48	60	348	101	260	173	204	225	18	Ambassador ISZ (Petrol), Contessa (Petrol), Tata Indica (Diesel), Qualis, Scooter India (Vikram)
65D26R	IN65MF	-	65	600		260	173	204	225	22	Scorpio, M&M, Bolero, Toyota Qualis, (L-Type) - FS, GS & GST.
75D31R	IN70MF	60	75	447	137	306	173	204	225	22	Ambassador ISZ (Diesel), Contessa (Diesel), Mitsubishi Lancer, Tata Sierra, Sumo, Estate, Bajaj Tempo (Trax), HM Trekker, Commander, Bolero, Armada Grand, Marshal, Voyager Comet, Tusker, Taurus, SFC 407 Turbo Truck, Mini Bus
95D31R	INX120-7MF	64	80	622	159	306	173	204	225	24	Mercedes Benz.
DIN55	IDIN55	-	55	540	95	242	175	190	190	16.5	Cielo, Nexia, Opel Astra (Petrol), Hyundai Accent
DIN44	IDIN44	-	44	480	70	207	175	190	190	15.0	Fiat Uno (Petrol), Padmini (Petrol), Peugeot (Petrol)
DIN60	IDIN60	-	60	550	110	242	175	190	190	17.5	Fiat Uno, Opel Corsa (Petrol), Opel Astra (Diesel)

Plate Details	IDNS40	IDNS40Z	IDN50Z	IDN70Z	IDN100A	IDN88	IDN100	IDN120	IDN150	IDN150A
Positive Plates	24	30	30	42	48	48	48	60	72	66
Negative Plates	30	36	36	48	54	54	54	66	78	72

T1	14 mm Dia of Terminal
T2	17 mm Dia of Terminal

New JIS Part No.	New India AC Delco Part NO.	LayOut	Terminal
34B20R	INS40MF	R	T1
38B20R	INS40ZMF	R	T1
46B24R	INS60MF	R	T1
48D26	IN50MF	R	T2
55D26R	IN50ZMF	R	T2
75D31R	IN70MF	R	T2
95D31R	INX120-7MF	R	T2
DIN55	IDIN55	L	T2
DIN44	IDIN44	L	T2
DIN60	IDIN60	L	T2

Layouts

Layout R



Layout L



- * While Charging observe for free gassing and stop charging once the voltage and sp. gravity reaches constant value in three Consecutive hourly readings.
- * If the new battery is beyond 3 months old from the month of manufacture, the duration shall be extended.

SPECIFIC GRAVITY & DURATION OF CHARGING

	Tropical Climate	Temperate Climate
Filling Specific Gravity @ 27°C	1.230 ± 0.005	1.250 ± 0.005
Final Specific Gravity @ 27°C	1.230 - 1.240	1.250 - 1.260
Charging Duration	8 - 10 Hrs.	8 - 10 Hrs.

