



## General Specifications

Container & Lid	: Polypropylene co-polymer (PP CP)
Separators	: DARAMIC make PE sleeves.
Positive plates	: Hi-pressure die cast spines of Pb-Sb alloy with Sn and other metals.
Negative plates	: flat pasted extra heavy duty grids.
Connectors	: Intercell welding through partition .
Vent plugs	: M22 and M30
Ceramic floats	: hi-grade vented floats.
Sulphuric Acid	: Sp.gr. 1.245 ± 0.005 when fully charged
Self discharge	: less than 2% at 27°C per month ( when fully charged )
Life cycles	: 1500 cycles @ 80% DOD : 3000 cycles @ 50% DOD : 5000 cycles @ 20% DOD
Ah efficiency	: above 95%
Wh efficiency	: above 85%
Topping up requirement	: once in 6-8 months (depending upon installation conditions)
Voltage	: 12 V
Capacity available	: 20 Ah to 200 Ah ( @ C <sub>10</sub> )

## Technical Specifications

Model	Battery Capacity @C <sub>10</sub> (at 27°C)	Plate Positive+Negative	Battery Type	Container Type	Battery Dimension L x W x H (mm)	Weight	
						Dry (Kg.)	Filled (Kg.)
DP 20 LM ST	20Ah	1+2	ST-15	N50	259 x 172 x 222	9.400	15.100
DP 20 PM ST	20Ah	1+2	ST-19	N50	259 x 172 x 222	8.900	14.700
DP 40 LM ST	40Ah	2+3	ST-15	N100	410 x 175 x 246	15.000	24.900
DP 40 PM ST	40Ah	2+3	ST-19	N100	410 x 175 x 246	13.400	23.500
DP 60 LM ST	60Ah	3+4	ST-15	N120	510 x 180 x 248	20.500	34.000
DP 60 PM ST	60Ah	3+4	ST-19	N120	510 x 180 x 248	18.300	32.500
DP 75 LM ST	75/80Ah	4+5	ST-15	N150	510 x 210 x 248	25.900	39.000
DP 75 PM ST	75/80Ah	4+5	ST-19	N120	510 x 180 x 248	22.700	37.000
DP 100 LM ST	100Ah	5+6	ST-15	N200	505 x 215 x 252	31.700	51.500
DP 100 PM ST	100Ah	5+6	ST-19	N200	505 x 215 x 252	28.000	47.600
DP 120 PM ST	120Ah	6+7	ST-19	N200	505 x 215 x 252	31.500	51.000
DP 120 LM TT	120Ah	4+4	TT	IT500	505 x 189 x 416	33.700	59.000
DP 135 LM ST	135Ah	6+7	ST	N200	505 x 215 x 252	36.000	56.000
DP135 LM TT	135Ah	3+4	TT	IT500	505 x 189 x 416	35.600	61.000
DP 150 LM TT	150Ah	4+4	TT	IT500	505 x 189 x 416	41.200	63.000
DP 180 LM TT	180Ah	4+5	TT	IT500	505 x 189 x 416	44.500	65.000