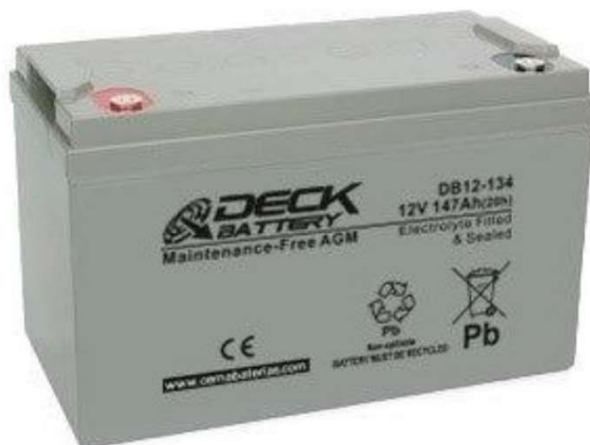


Range: POWERBLOCK
Type name: DB12-134


PERFORMANCES*		CONFIGURATION	
Voltage:	12 V	Size:	345x172x274 mm (D3)
Capacity:	147 Ah (20h)	Polarity:	1
Cap. 5/10/100h:	122/140/160 Ah	Terminal:	M (M8 thread)
Energy at 100h:	1,92 kWh	Holddown:	-
Cycles at 50%:	1000	Ventilation:	Valve regulated (VRLA)
Max. current:	1400 A (5seg)	Maintenance:	Not required (MF)
Int. Resistance:	4 mΩ		
Self-Discharge:	15 months		
(from the date of production, at 25°C)			

*According to standards IEC 60254/60896

INTERNAL CONSTRUCTION		COMPONENTS	
Technology:	Manufacturer-sealed AGM	Container:	ABS/light grey
Alloy:	Calcium	Lid:	ABS/dark grey
Separator:	AGM (glass mat)	Plugs:	Termal sealing, ABS/dark grey
Total Weight:	46 kg	Handles:	On lid, ABS/dark grey
Origin:	Asia		

RECOMMENDATIONS	
Storage:	Check voltage every 8 months.
Recharge:	Use automatic chargers with constant voltage and AGM setup.
Installation:	Use the appropriate cable section and length. Keep connections tight.

CEMA Baterías is the exclusive importer for Europe of DECK Battery products

TABLES & CHARTS

POWERBLOCK

DB12-134

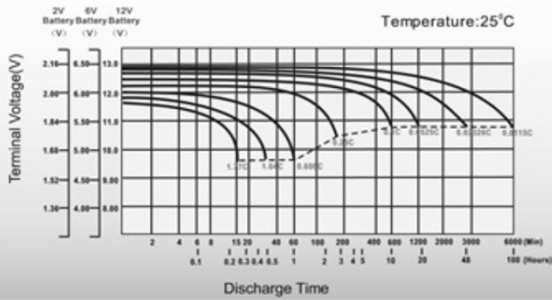
DB12-134 Constant Current Discharge (Amperes) at 25 °C

F.V/Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h	48h	100h
1.85V/cell	159.3	132.3	102.8	81.4	65.9	42.9	32.4	26.5	22.4	15.7	13.4	7.13	3.21	1.58
1.80V/cell	176.6	145.5	110.9	86.4	69.4	45.6	34.2	27.8	23.5	16.4	14.0	7.35	3.26	1.61
1.75V/cell	195.8	159.4	119.3	92.4	74.9	47.8	36.1	29.0	24.4	16.9	14.3	7.50	3.31	1.63
1.70V/cell	214.0	174.1	131.0	96.5	79.1	50.4	37.8	30.3	25.4	17.6	14.8	7.65	3.35	1.65
1.65V/cell	226.6	183.7	138.0	102.5	81.8	52.2	39.2	31.3	26.3	18.0	15.1	7.83	3.41	1.67
1.60V/cell	248.3	199.5	146.7	106.2	85.1	54.3	40.5	32.3	27.2	18.5	15.4	8.02	3.47	1.69

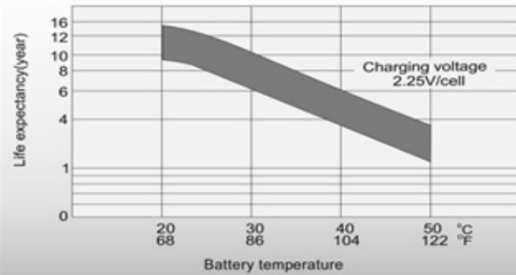
DB12-134 Constant Power Discharge (Watts/cell) at 25 °C

F.V/Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h	48h	100h
1.85V/cell	298.8	250.7	196.9	157.3	128.1	83.8	63.4	52.1	44.2	31.1	26.7	14.2	6.41	3.16
1.80V/cell	326.8	271.7	209.2	165.0	133.9	88.5	66.5	54.3	46.2	32.5	27.8	14.6	6.50	3.22
1.75V/cell	358.1	294.8	223.2	175.5	143.8	92.4	70.0	56.6	47.8	33.4	28.4	14.9	6.59	3.24
1.70V/cell	385.8	319.6	243.9	182.6	151.4	97.1	73.2	58.8	49.6	34.6	29.2	15.2	6.66	3.28
1.65V/cell	407.0	336.0	255.8	193.0	156.0	100.2	75.8	60.8	51.2	35.5	29.9	15.5	6.77	3.32
1.60V/cell	437.0	359.6	268.9	198.1	160.7	103.5	77.8	62.4	52.8	36.3	30.5	15.9	6.88	3.35

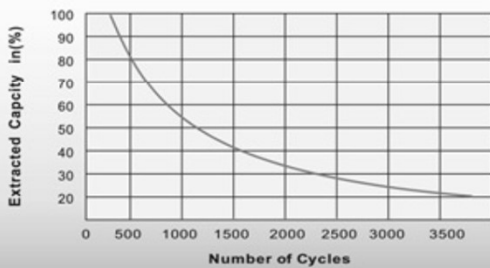
Discharge Characteristics



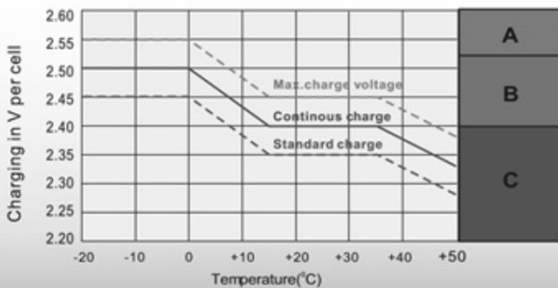
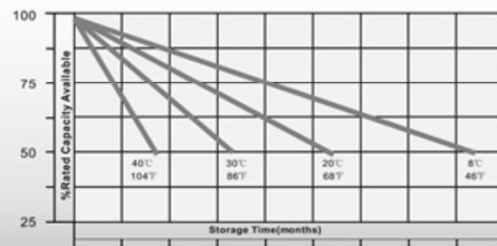
Effect of Temperature on Long Term Float Life



Cycle Service Life



Self-Discharge at Different Temperatures



Charge Mode

- A** With switch regulator (two-step controller) charge on curve max. charge voltage for max. 2 hrs/day then switch over to continuous charge
- B** Standard charge without switching
- C** Boost charge (Equalizing charge with external generator) charge on curve continuous charge for max. 5 hrs/month, then switch over to curve Standard charge