

Range: **POWERBLOCK**

Type name: **DB12-260**



PERFORMANCES*		CONFIGURATION	
Voltage:	12 V	Size:	522x268x220 mm (8D)
Capacity:	282 Ah (20h)	Polarity:	4
Cap. 5/10/100h:	218/250/290 Ah	Terminal:	M (M8 thread)
Energy at 100h:	3,46 kWh	Holddown:	-
Cycles at 50%:	1200	Ventilation:	Valve regulated (VRLA)
Max. current:	2500 A (5seg)	Maintenance:	Not required (MF)
Int. Resistance:	2 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:	74 kg	Handles:	On container, rope/white
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

DB12-260

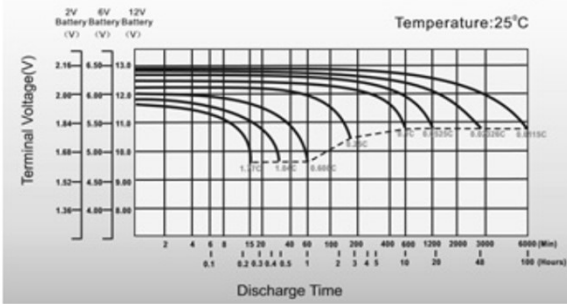
DB12-260 Constant Current Discharge (Amperes) at 25 °C

F.V/Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h	48h	100h
1.85V/cell	284.4	236.3	183.5	145.3	117.6	76.6	57.8	47.4	40.1	28.0	24.0	12.7	5.73	2.82
1.80V/cell	315.3	259.9	198.0	154.3	124.0	81.5	61.0	49.7	42.0	29.3	25.0	13.1	5.82	2.88
1.75V/cell	349.7	284.7	213.0	165.0	133.7	85.4	64.4	51.8	43.6	30.2	25.5	13.4	5.91	2.90
1.70V/cell	382.1	310.9	234.0	172.3	141.3	90.0	67.5	54.0	45.4	31.3	26.3	13.7	5.98	2.94
1.65V/cell	404.6	328.1	246.5	183.0	146.1	93.1	70.0	55.9	47.0	32.2	26.9	14.0	6.09	2.98
1.60V/cell	443.5	356.3	262.0	189.7	151.9	97.0	72.3	57.7	48.6	33.0	27.5	14.3	6.19	3.01

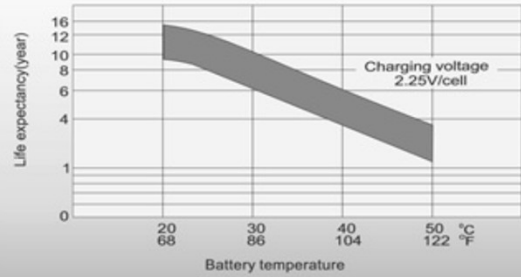
DB12-260 Constant Power Discharge (Watts/cell) at 25 °C

F.V/Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h	48h	100h
1.85V/cell	533.5	447.7	351.6	280.8	228.7	149.6	113.2	93.0	78.9	55.5	47.6	25.3	11.5	5.64
1.80V/cell	583.5	485.2	373.6	294.6	239.2	158.0	118.8	97.0	82.4	58.1	49.6	26.1	11.6	5.74
1.75V/cell	639.4	526.5	398.6	313.3	256.7	164.9	125.0	101.0	85.3	59.6	50.7	26.6	11.8	5.78
1.70V/cell	688.9	570.7	435.5	326.1	270.3	173.4	130.7	105.1	88.6	61.8	52.2	27.1	11.9	5.85
1.65V/cell	726.7	600.1	456.9	344.7	278.6	178.9	135.3	108.5	91.5	63.4	53.3	27.7	12.1	5.93
1.60V/cell	780.4	642.1	480.2	353.7	287.0	184.9	138.9	111.4	94.3	64.9	54.4	28.3	12.3	5.97

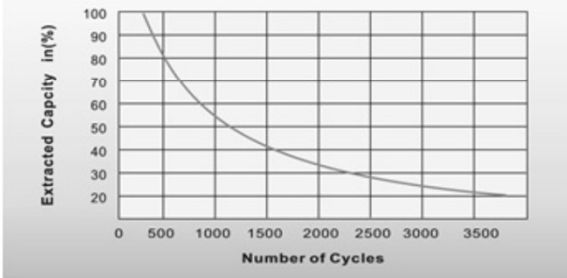
Discharge Characteristics



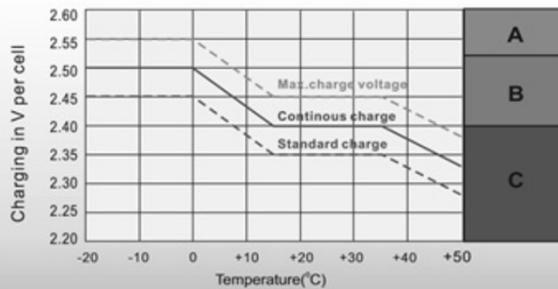
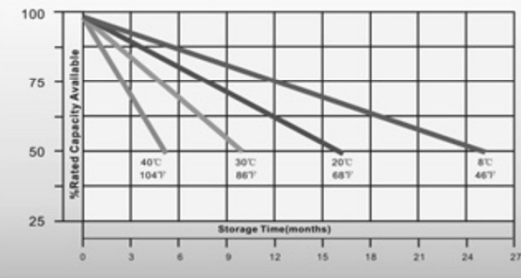
Effect of Temperature on Long Term Float Life



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