JPM MEGAPOWER

BATERÍA DE 18V PARA FUENTES DE RESPALDO

2 Baterías en lugar de 3
Difícil de robar
Asegure su Inversión
Larga Vida

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BPDG

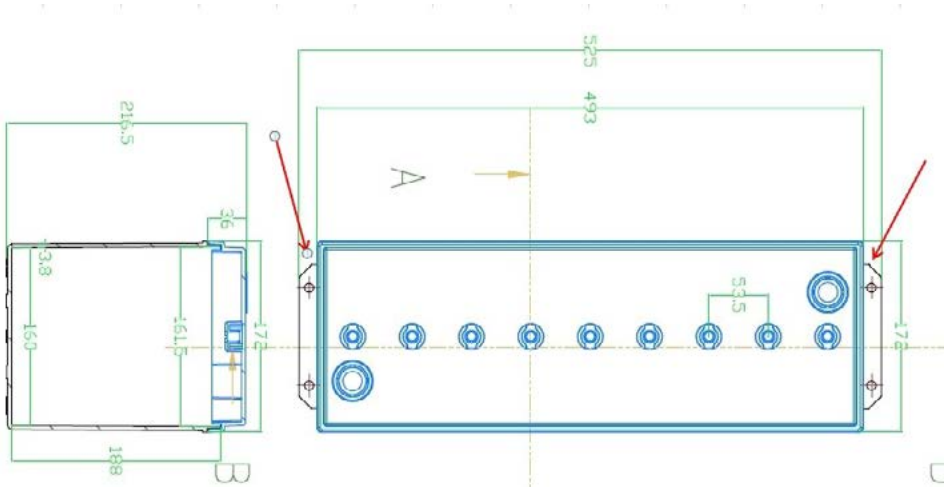
BPDG Deep Cycle Gel Batteries are designed to store large amounts of current. They are manufactured with heavy, non-porous battery plates to withstand repeated heavy discharge and charge cycles. These Deep-cycle batteries utilize a specially formulated active paste on the battery plates and a stronger electrolyte than normal batteries. Two 18V BPDG can be used in place of three 12V batteries in telecommunication backup power supplies.

GENERAL FEATURES

- High quality and high reliability
- Sealed and maintenance free operation
- Silicon dioxide electrolyte gel avoids acid leakage
- ABS containers and covers (UL94HB, UL94V-0), optional
- Engineered self-resealing Safety Valve
- Exceptional deep discharge/recovery performance
- Nano gel electrolyte eliminates the acid stratification, prolongs cycle life
- Thick plates and high power density
- Optional printed and/or engraved Company Logo and laser serial numeration

APPLICATIONS

- Cable Systems
- Telecommunication Hubs
- Emergency Power Systems
- Solar and Wind Power Systems
- Control Equipment



CONSTRUCTION

COMPONENT	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
RAW MATERIAL	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Fiberglass Sulfuric acid

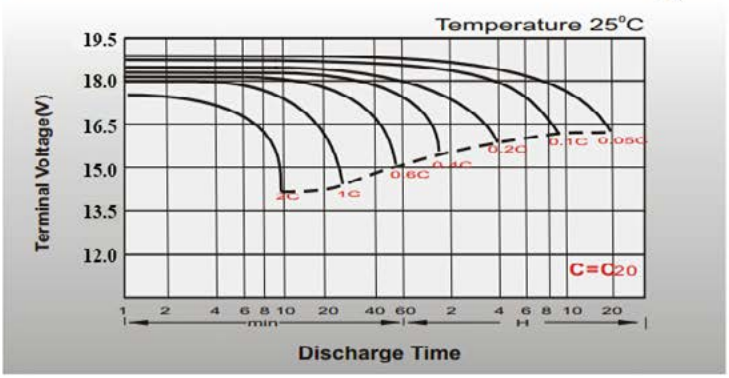
SPECIFICATIONS

BATTERY MODEL	BPDG18-110			
DESIGNED CYCLE LIFE	>400 Cycles @ -0.5CA to 14.4V			
CAPACITY (25°C)	20hR (5.5A, 16.2V)	10hR (10.71A, 16.2V)	5hR (17.64A, 15.75V)	1hR (71.82A, 14.4V)
	110Ah	107.1Ah	88.2Ah	88.2Ah
DIMENSIONS	Length	Width	Height	Total Height
	525±2mm	172±2mm	215±3mm	222±3mm
APPROX. WEIGHT (±5%)	44.5Kg			
INTERNAL RESISTANCE	Full charged at 25°C: Approx. 9 mOhms			
SELF DISCHARGE	3% of capacity declined per month at 25°C (average)			
CAPACITY AFFECTED BY TEMP.(10HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
CHARGE VOLTAGE (25°C)	Cycle Use		Float Use	
	21.6-22.5V(-30mV/°C), max. Current: 25A		20.4-20.7(-20mV/°C)	

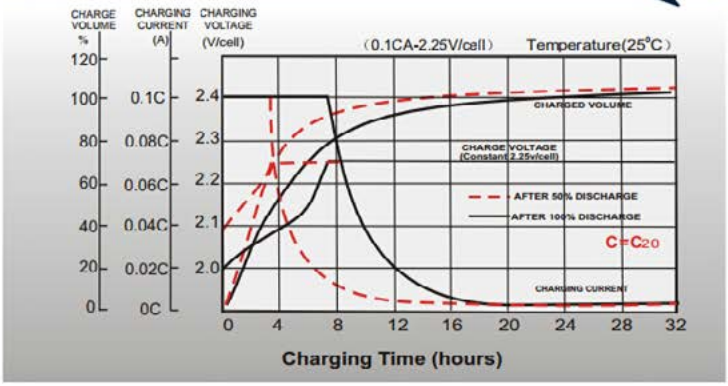
Discharge Constant Current per Cell (Amperes at 77°F 25°C)												
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	261.4	166.6	141.6	90.4	66.4	61.0	38.8	27.2	18.5	12.2	10.9	6.05
1.65V	256.6	163.6	139.0	88.7	65.2	59.9	38.1	26.7	18.2	12.0	10.7	5.94
1.70V	251.9	160.6	136.4	87.1	64.0	58.8	37.4	26.2	17.8	11.8	10.5	5.83
1.75V	247.1	157.5	133.8	85.5	62.8	57.7	36.7	25.7	17.5	11.5	10.3	5.72
1.80V	237.6	151.5	128.7	82.2	60.4	55.4	35.2	24.8	16.8	11.1	9.9	5.50

Discharge Constant Power per Cell (Watts at 77°F 25°C)												
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	503.1	320.7	272.5	174.0	127.9	117.4	74.6	52.4	35.6	23.5	21.0	11.6
1.65V	494.0	314.9	267.6	170.8	125.6	115.3	73.3	51.5	35.0	23.1	20.6	11.4
1.70V	484.8	309.1	262.6	167.7	123.2	113.1	71.9	50.5	34.3	22.6	20.2	11.2
1.75V	475.7	303.2	257.7	164.5	120.9	111.0	70.6	49.5	33.7	22.2	19.8	11.0
1.80V	457.4	291.6	247.7	158.2	116.3	106.7	67.8	47.6	32.4	21.3	19.1	10.6

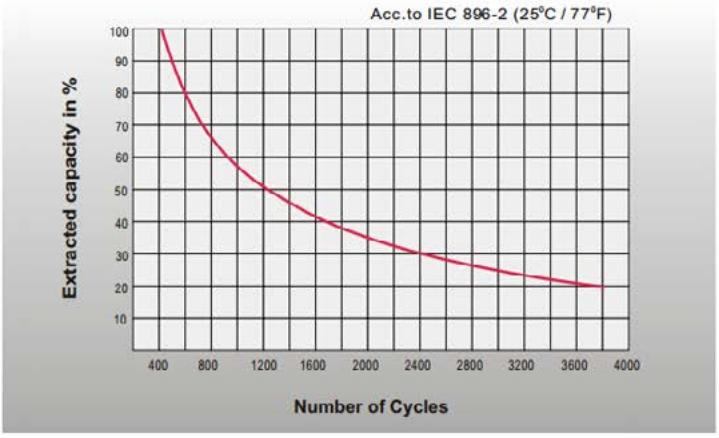
Discharge Characteristics



Float Charging Characteristics



Cycle Life in Relation to Depth of Discharge



General Relation of Capacity VS. Storage Time