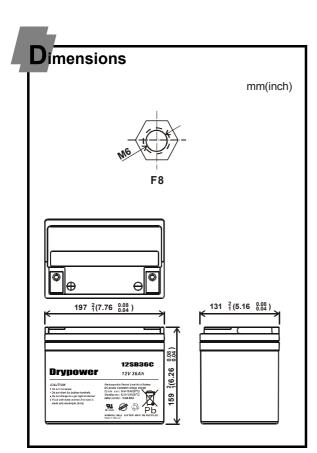


12V

## 12**SB36C**



Nominal Voltage (V)



(v) FOR 12V BATTERY 13.0						
10.0						
12.0						
11.0						
11.0	3.42A					
10.0	7.2A 5.12A					
	108A					
9.0		+				
8.0	2 4 6 8 10 20 40 60 2 4 6 8 10	20				
	$\longleftarrow$ minutes $\longrightarrow$ $ \longleftarrow$ hours $-$	→				
Discharge Time						

Nominal Capacity							
20hour i	rate ( 1.8A	to	10.50V)	36Ah			
10hour i	rate ( 3.6A	to	10.50V)	34.2Ah			
5hour r	ate ( 6.12A	to	10.20V)	30.6Ah			
1C	( 36A	to	9.60V)	22.8Ah			
3C	( 108A	to	9 60V )	14 4Ah			

Weight Approx.11.3kg(24.86Lbs.)

Internal Resistance (at 1KHz) 4 m

**Maximum Discharge Current for** 

5 seconds: 851A

**Operating Temperature Range** 

Charge -15 (5 ) to 40 (104) Discharge 50 -15 (5 ) to (122) Storage -15 (5 ) to 40 (104)

Charge Retention (shelf life) at 20 (68)

1 month 92 3 month 90 6 month 80

**Charging Methods at 20** (68)

Cycle use:

Charging Voltage 14.4 to 15.0V Maximum Charging Current 10.8A

Standby use:

Float Charging Voltage 13.50 to 13.80V

Life expectancy:

Cycle Use

100% depth of discharge 225 cycles 80% depth of discharge 250 cycles 50% depth of discharge 750 cycles Standby Use 3~5years

Case Material ABS

> (Option 94-HB & 94V-0 flame retardant case)

**Terminal** F8