



81100

Applications

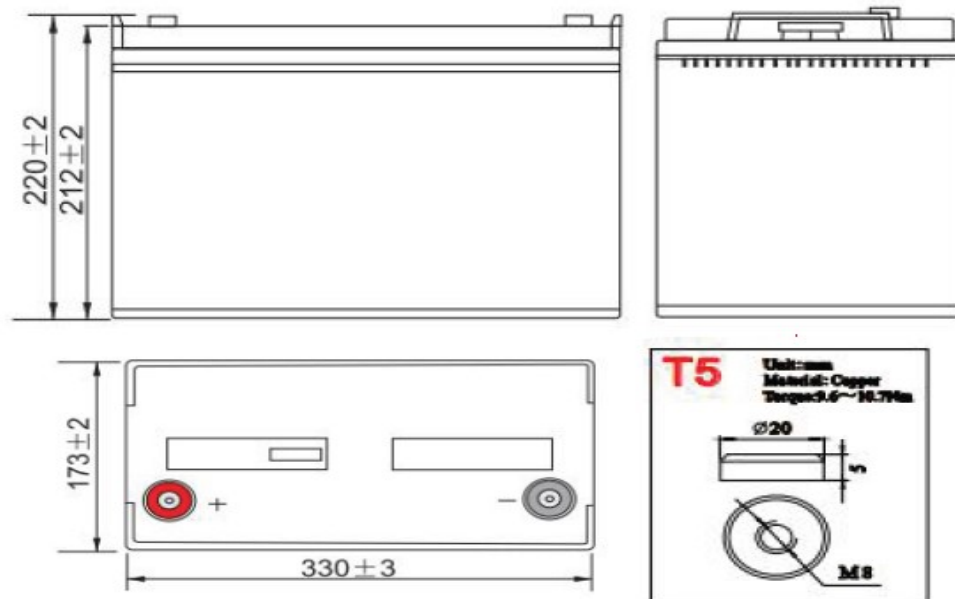
- All purpose
- Solar Energy
- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Emergency light
- Railway signal
- Aircraft signal
- Alarm and security system
- Electronic apparatus and equipment
- Communication power supply
- DC power supply
- Auto controlsystem
- Security System
- Railway System

**Dimensions & Weight**

Length(mm)	330±3
Width(mm)	173±2
Height(mm)	212±2
Total Height(mm)	220±2
Weight(kg)	28.1±3%

BATERÍA GEL 12V100A

Nominal Voltage		12V(6 cells per unit)
Design Floating Life @25°C		12 Years
Nominal Capacity @25°C(10 hour rate@6.50A,10.80V)		100Ah
Capacity @25°C	20 hour rate (5.20A,10.5V)	104.0Ah
	5 hour rate (17.2A,10.5V)	86.0Ah
	1 hour rate (61.0A,9.6V)	61.0Ah
Internal Resistance	Full Charged Battery@25°C	≤4.8mΩ
Ambient Temperature	Discharge	-15°C
	Charge	~50°C
	Storage	0°C~40°C- 15°C~40°C
Max.Discharge Current@25°C		1200A(5s)
Capacity affected by Temperature (10 hr Capacity)	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	66%
Self-Discharge@25°C per Month		3%
Charge Costant Voltage) @25°C	Standby Use	Initial Charging Current Less than 30.0A Voltage 13.5~13.8V
	Cycle Use	Initial Charging Current Less than 30.0A Voltage 14.4~15.0V



**Discharge Constant Current per Cell (Amperes at 25°C)**

F.V/Time	15m	30m	45m	1h	2h	3h	5h	6h	8h	10h	20h
1.60V	180.5	106.3	77.2	61.0	37.5	27.6	18.6	16.0	12.4	10.5	5.45
1.65V	170.5	100.7	74.1	58.9	36.3	27.5	18.1	15.6	12.3	10.4	5.42
1.70V	160.1	97.0	72.3	57.0	35.3	26.0	17.7	15.3	12.1	10.2	5.35
1.75V	150.0	93.2	69.5	55.3	34.0	25.4	17.2	15.0	11.9	10.1	5.25
1.80V	138.3	89.8	67.0	52.8	32.8	24.6	16.8	14.6	11.7	10.0	5.20

* m: minutos

Discharge Constant Power per Cell (Watts at 25°C)

F.V/Time	15m	30m	45m	1h	2h	3h	5h	6h	8h	10h	20h
1.60V	320.8	196.9	143.2	114.7	71.1	52.7	35.9	31.0	24.2	20.5	10.8
1.65V	305.0	187.9	138.1	111.3	69.2	51.3	35.1	30.4	24.0	20.3	10.7
1.70V	289.1	179.5	136.0	108.5	67.8	50.1	34.3	29.8	23.7	20.1	10.6
1.75V	274.6	173.5	131.3	105.5	65.3	49.1	33.5	29.4	23.4	19.9	10.4
1.80V	254.5	168.5	127.7	101.3	63.2	47.7	32.8	28.6	23.1	19.8	10.3

* m: minutos

Note The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

