



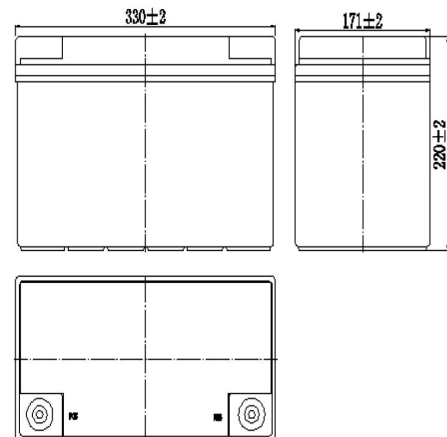
### SPECIFICATIONS

Nominal Voltage		12 V
Capacity	10 hour rate(10.5V/cell,25°C/77°F)	100 Ah
	5 hour rate (10.2V/cell,25°C/77°F)	78 Ah
	1 hour rate (9.6V/cell,25°C/77°F)	58.2 Ah
Internal Resistance		Full charged at 25°C: Approx 5mΩ
Capacity affected by Temperature (10 hour)	40°C	103%
	25°C	100%
	0°C	88%
	-15°C	70%
Self-Discharge (25°C)	3 month	Remaining Capacity: 94%
	6 month	Remaining Capacity: 88%
	12 month	Remaining Capacity: 75%
Operating temperature range	Discharge	-15°C ~55°C(5°F ~131°F)
	Charge	-10°C ~55°C(14°F ~131°F)
	Storage	-20°C ~55°C(-4°F ~131°F)
Maximum charging current		20A
Maximum discharge current		800A (5sec.)
Designed floating life (20°C)		15 years
Charging Voltage 25°C (77°F)	Cycle	14.10 to 14.40V Temperature compensation: -30mV/°C
	Float	13.50 to 13.80V Temperature compensation: -18mV/°C

### MECHANICAL SPECIFICATIONS

Dimension (L x W x H)	330 x 171 x 214 mm
Weight	30.0 Kg
Terminal Type	T9
Case Material	ABS
Chemistry	Pb

### DIMENSIONAL SPECIFICATIONS



### Constant Current Discharge (Amperes) at 25°C (77°F)

FV/Time	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	20hr	48hr	120hr
9.60 V	135	93.2	58.2	34.0	24.0	18.9	15.8	13.5	10.5	9.37	5.11	---	---
9.90 V	132	91.3	57.3	33.8	23.8	18.8	15.7	13.4	10.4	9.35	5.10	---	---
10.2 V	127	88.5	55.9	33.5	23.7	18.6	15.6	13.3	10.4	9.32	5.06	2.23	---
10.5 V	123	86.4	54.8	33.0	23.5	18.5	15.5	13.2	10.3	9.26	5.00	2.22	0.92
10.8 V	116	83.2	53.1	32.2	22.8	17.9	15.0	12.8	9.99	9.20	5.00	2.22	0.92

Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

### Constant Power Discharge (Watts) at 25°C (77°F)

FV/Time	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	20hr	48hr	120hr
9.60 V	1507	1062	670	396	283	223	188	160	125	112	61.6	---	---
9.90 V	1470	1041	660	393	282	222	187	159	125	112	61.5	---	---
10.2 V	1416	1009	644	390	280	220	185	158	124	112	61.3	26.8	---
10.5 V	1368	985	631	384	278	219	184	157	123	111	60.3	26.6	11.1
10.8 V	1296	949	611	374	269	212	179	152	119	110	60.5	26.6	11.0

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### CHARACTERISTICS CURVE

