

9-12 | 12V 9AH

Application:

- ▶ UPS system and emergency power supply
- ▶ Telecommunication systems
- ▶ Medical equipment
- ▶ Toys
- ▶ Motorcycles and bicycles
- ▶ Fire alarm systems and alarm systems



Specifications

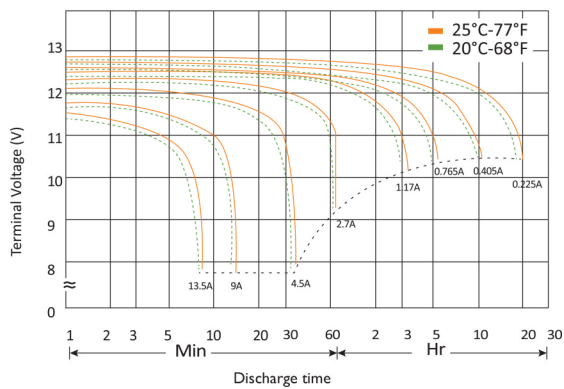
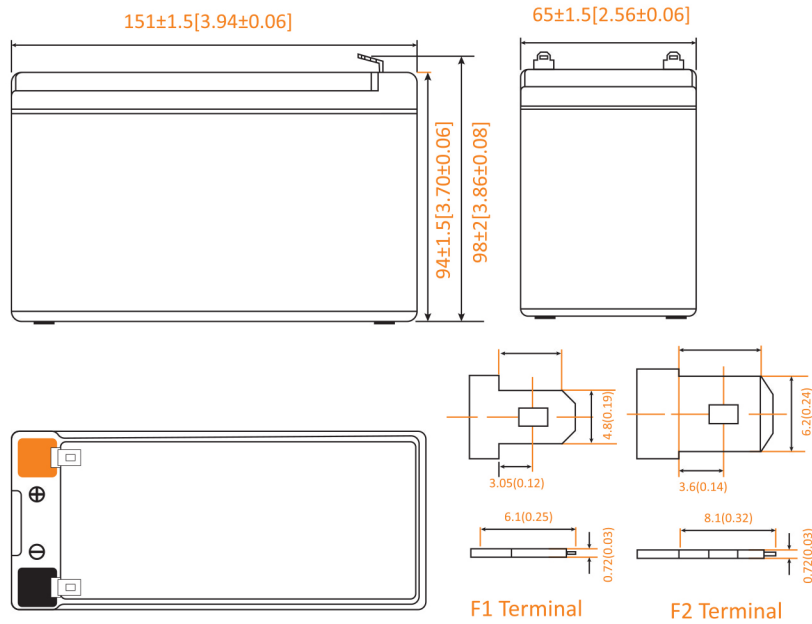
Battery type	Lead acid,VARLA, with AGM technology, flame retardant ABS plastic cover
Rated voltage	12V
Approximate weight	2.6 ±0.05Kg.
Life Span	5 Years
Internal resistance	Less than 23 mΩ at 20°C
Self-discharge rate	3% of rated power per month (at 20°C)

Rated power		Size		Constant voltage charging at 25°C		Temperature range	
20 hours(10.5V)	9 ampere per hour	Length	151 MM	Charge cycle: 2.40-2.45 V		Discharge: -20 to 60 ° C	
10 hours(10.5V)	8.5 ampere per hour	Width	65 MM	Temperature compensation: -5mV/°C		Charge: -10 to 60 ° C	
5 hours(10.5V)	7.4 ampere per hour	Height	94 MM	Battery backup: 2.25-2.30 V		Storage: -20 to 60 ° C	
1 hours(9.6V)	4.31 ampere per hour	Total height	98 MM	Temperature compensation: -3mV/° C			

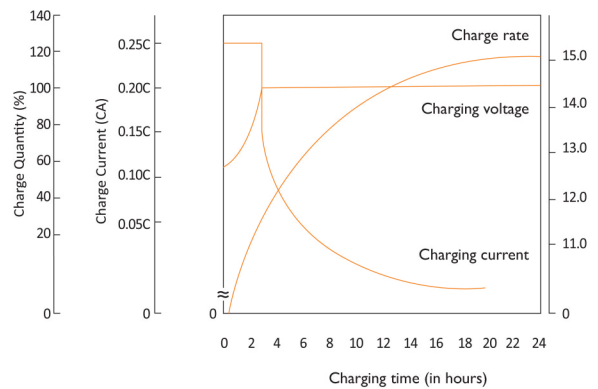
Continuous discharge current at 25°C							
Discharge Voltage/Cell	15 Min	30 Min	1 hour	3 hour	5 hour	10 hour	20 hour
1.60 V	16.5	9.9	5.85	2.28	1.55	0.85	0.46
1.65 V	16	9.79	5.81	2.27	1.54	0.85	0.46
1.70 V	15.7	9.36	5.76	2.25	1.53	0.84	0.46
1.75 V	14.2	8.91	5.67	2.22	1.53	0.84	0.45
1.80 V	13.5	8.45	5.58	2.16	1.51	0.84	0.44

Continuous discharge power at 25°C							
Discharge Voltage/Cell	15 Min	30 Min	45 Min	1 hour	3 hour	5 hour	10 hour
1.60V	32.7	19.1	14.2	11.3	4.24	2.82	1.64
1.65V	32	18.7	13.9	11	4.20	2.81	1.62
1.70V	31.1	18	10.6	10.6	4.12	2.79	1.62
1.75V	30.2	17.1	12.7	10.1	4.0	2.74	1.61
1.80V	28.4	16	12	9.6	3.85	2.70	1.57

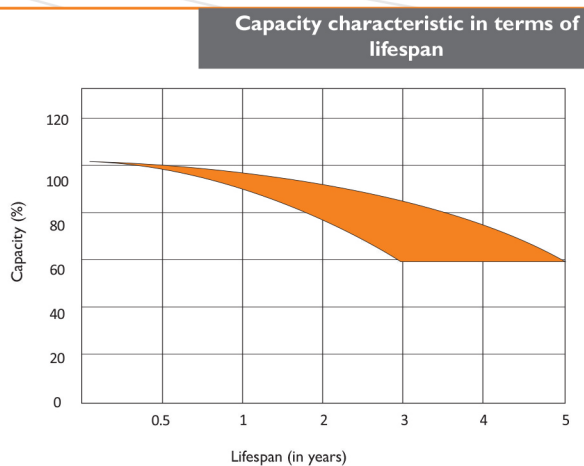
Product schematic



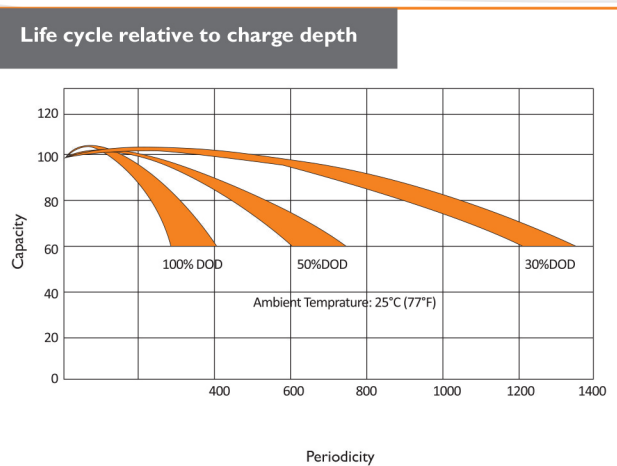
Discharge characteristic (25°C)



Charging characteristic (25°C)



Capacity characteristic in terms of lifespan



Life cycle relative to charge depth