

65-12 | 12V 65AH

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	21.2 ±0.05Kg.
Life Span	5 Years
Internal resistance	Less than 8 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)	69.6 ampere per hour	Length	350mm	Charge cycle: 2.40-2.45 V	Discharge: -20 to 60 ° C
10 hours(10.5V)	67.4 ampere per hour	Width	167mm	Temperature compensation: -5mV/°C	Charge: -10 to 60 ° C
5 hours(10.5V)	67.45 ampere per hour	Height	174mm	Battery backup: 2.25-2.30 V	Storage: -20 to 60 ° C
1 hours(9.6V)	49.08 ampere per hour	Total height	174mm	Temperature compensation: -3mV/° C	

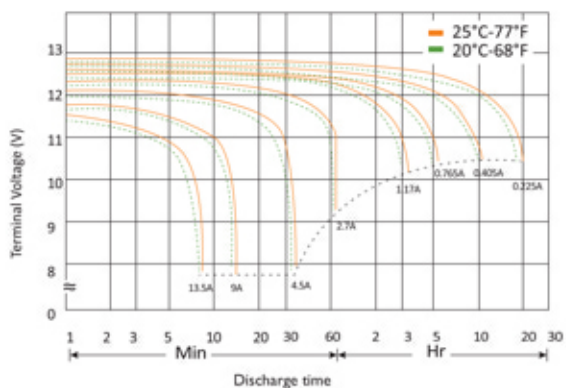
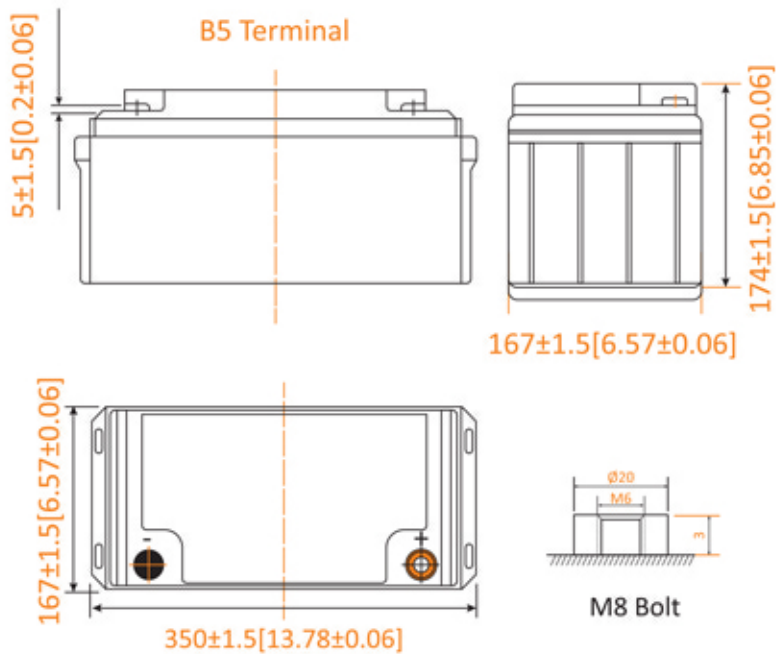
Continuous discharge current at 25°C

Discharge Voltage/Cell	15 Min	30 Min	1 hour	3 hour	5 hour	10 hour	20 hour
1.60 V	130	74.75	45	18.4	11.8	6.70	3.48
1.65 V	123	73.45	44	18.0	11.6	6.58	3.46
1.70 V	117	71.50	43	17.6	11.3	6.56	3.44
1.75 V	110	67.60	42	17.2	11.1	6.50	3.40
1.80 V	104	58.50	41	16.9	10.7	6.48	3.38

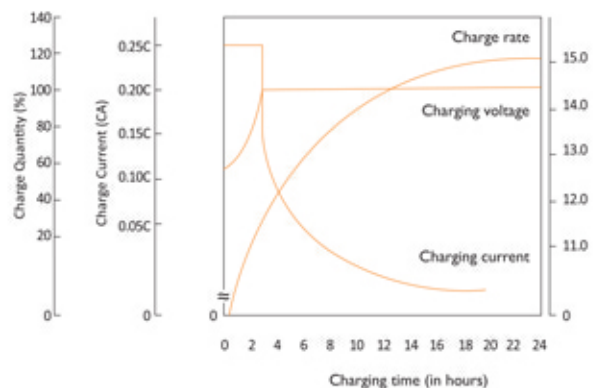
Continuous discharge power at 25°C

Discharge Voltage/Cell	15 Min	30 Min	45 Min	1 hour	3 hour	5 hour	10 hour
1.60V	239	145	101	101	34.5	22.8	12.0
1.65V	226	140	100	100	33.8	22.6	11.9
1.70V	215	133	99	99	33.7	22.4	11.8
1.75V	204	125	97	97	32.4	22.0	11.7
1.80V	192	115	92	92	31.7	21.7	11.6

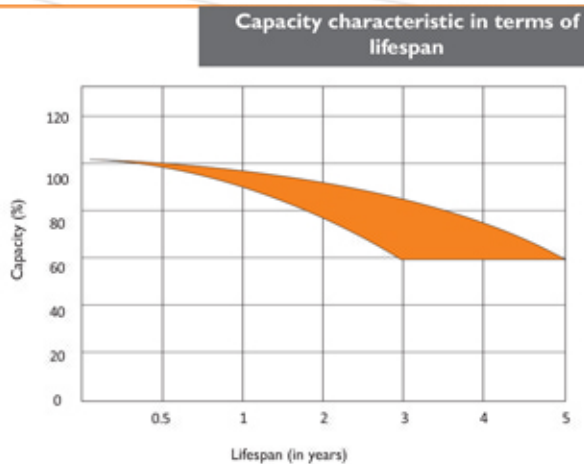
Product schematic



Discharge characteristic (25°C)



Charging characteristic (25°C)



Life cycle relative to charge depth

