

28-12 | 12V 28AH

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	8.2 ±0.05Kg.
Life Span	5 Years
Internal resistance	Less than 13.5 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)	28 ampere per hour	Length	165 MM	Charge cycle: 2.40-2.45 V	Discharge: -20 to 60 ° C
10 hours(10.5V)	26.9 ampere per hour	Width	125 MM	Temperature compensation: -5mV/°C	Charge: -10 to 60 ° C
5 hours(10.5V)	25.2 ampere per hour	Height	175 MM	Battery backup: 2.25-2.30 V	Storage: -20 to 60 ° C
1 hours(9.6V)	16.87 ampere per hour	Total height	175MM	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	55.00	32.0	19.6	4.51	5.2	2.81	1.45
1.65 V	52.60	30.7	18.9	4.49	5.08	2.77	1.44
1.70 V	50.10	29.4	18.1	4.48	4.95	2.71	1.42
1.75 V	47.50	28.0	17.3	4.46	4.8	2.65	1.40
1.80 V	44.8	26.5	16.5	4.28	4.63	2.58	1.38

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	105.0	61.7	46.7	36.7	16.0	10.4	6.5
1.65V	99.3	58.6	44.5	35.1	15.6	10.2	6.3
1.70V	93.6	55.4	42.3	33.5	15.2	10.0	6.1
1.75V	87.8	52.2	40.0	31.8	14.4	9.9	6.0
1.80V	82.0	49.0	37.7	30.1	13.8	9.8	5.8

Product schematic

