RESERVE POWER

AGM 10 JAHRESTYP

12LSX-28

12 V 28 Ah

Design lifetime: 10 years

Q-Batteries 12LSX-28 is an AGM battery with extended design lifetime of 10 years.
It is designed for stand-by applications such as emergency-lighting or UPS-systems.

Application:

burglar-systems, UPS-systems,
emergency-lighting-systems

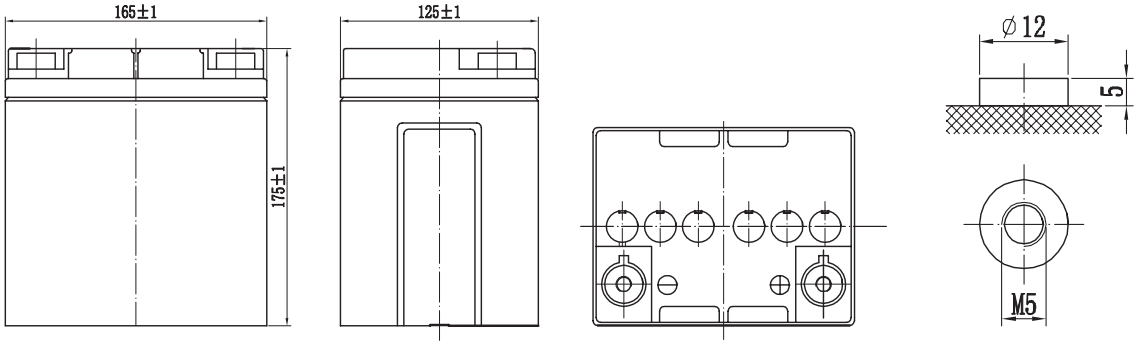
Specification:

Voltage Per Unit	12 V		
Capacity	28 Ah (10 h)		
Cells Per Unit	6		
Weight	9.3 kg +/- 3%		
Max. Discharge Current	310 A (5 sec.)		
Short circuit current	1400 A		
Operating Temperature Range Normal	Discharge: - 20 °C – 60 °C	Charge: -10 °C – 60 °C	Storage: - 20 °C – 60 °C

Self Discharge	Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.
Terminal	F13
Container Material	A.B.S. (UL94-HB)

Dimensions:

165 mm Length x 125 mm Width x 175 mm Height



Q-BATTERIES UALITY

12LSX-28

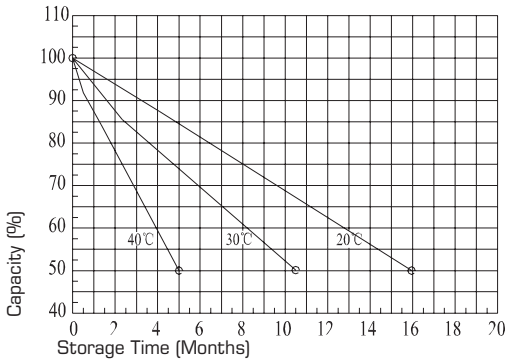
Constant current discharge characteristics: A (25°C)

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60V	112	73.0	55.0	32.0	19.6	8.02	5.20	2.82	1.47
1.65V	106	69.5	52.6	30.7	18.9	7.77	5.08	2.82	1.46
1.70V	100	65.9	50.1	29.4	18.1	7.50	4.95	2.81	1.45
1.75V	93.9	62.2	47.5	28.0	17.3	7.20	4.80	2.80	1.44
1.80V	87.6	58.5	44.8	26.5	16.5	6.88	4.63	2.80	1.42

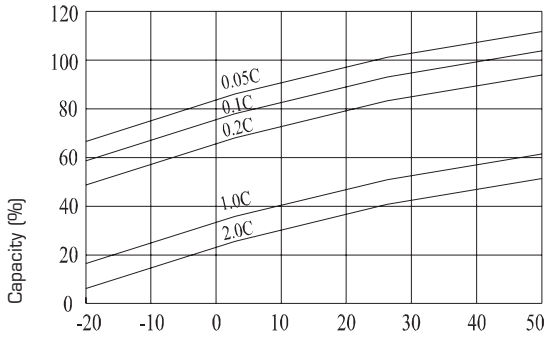
Constant current discharge characteristics: Watt (25°C)

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	45 MIN	1 HR	2 HR	3 HR	5 HR
1.60V	208	135	105	61.7	46.7	36.7	24.0	16.0	10.4
1.65V	195	127	99.3	58.6	44.5	35.1	23.3	15.6	10.2
1.70V	183	119	93.6	55.4	42.3	33.5	22.5	15.2	10.0
1.75V	170	111	87.8	52.2	40.0	31.8	21.6	14.4	9.9
1.80V	157	104	82.0	49.0	37.7	30.1	20.7	13.8	9.8

Storage characteristic:



Capacity Factors with different Temperature:



Charging Method:

Charge the batteries at least once every six months, if they are stored at 25°C

Constant Voltage (V) -0.2C x 2h + 2.4–2.45V/Cell x 24h, max. Current 0.3CA
Constant Current (A) -0.2C x 2h + 0.1CA x 12h
Fast -0.2C x 2h + 0.3CA x 4.0h

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+ UND DIE ENERGIE KOMMT –

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