

EB12-1.2 12V 1.2Ah



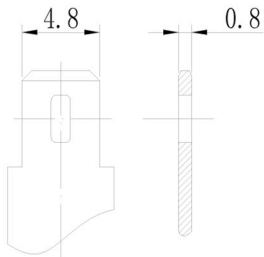
- Absorbent glass mat technology
- Recognized by UL & CE

DATA SHEET FOR WWW.AVTOALL.AZ

Dimensions



Terminal



Nominal Voltage		12 V
Capacity (25°C)	20HR(10.5V)	1.2Ah
	10HR(10.5V)	1.12Ah
	1HR(9.60V)	0.78Ah
Dimension	Length	97 ± 1mm (3.82inch)
	Width	43 ± 1mm (1.69inch)
	Height	52 ± 1mm (2.05inch)
	Total Height	58 ± 1mm (2.28inch)
Approx. Weight		0.52kg (1.15lbs) ± 5%
Terminal type		T1
Internal resistance (Fully charged, 25°C)		Approx. 90m Ω
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)	13.60 to 13.80V Temperature compensation: -18mV/°C	
Cyclic charging voltage(25°C)	14.50 to 14.90V Temperature compensation: -30mV/°C	
Maximum charging current	0.36A	
Terminal material	Copper	
Maximum discharge current	18A(5 sec.)	
Designed float life(20°C)		10 years

DATA SHEET FOR WWW.AVTOALL.AZ

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	4.56	2.88	2.28	1.27	0.78	0.43	0.306	0.245	0.208	0.113	0.061
9.90V	4.42	2.79	2.23	1.25	0.77	0.42	0.304	0.243	0.207	0.113	0.061
10.2V	4.24	2.68	2.14	1.21	0.75	0.42	0.302	0.242	0.205	0.112	0.060
10.5V	4.06	2.56	2.07	1.18	0.73	0.41	0.300	0.240	0.204	0.112	0.060
10.8V	3.83	2.42	1.96	1.14	0.71	0.40	0.291	0.233	0.198	0.109	0.059

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	50.9	32.5	26.0	14.6	9.0	4.99	3.64	2.92	2.48	1.36	0.73
9.90V	49.4	31.5	25.4	14.3	8.9	4.96	3.61	2.90	2.47	1.35	0.73
10.2V	47.3	30.2	24.4	13.8	8.7	4.91	3.59	2.88	2.45	1.35	0.72
10.5V	45.3	28.9	23.6	13.5	8.5	4.84	3.56	2.86	2.44	1.34	0.72
10.8V	42.7	27.3	22.4	13.0	8.2	4.72	3.46	2.77	2.36	1.31	0.71



