

EB12-5

12V 5Ah

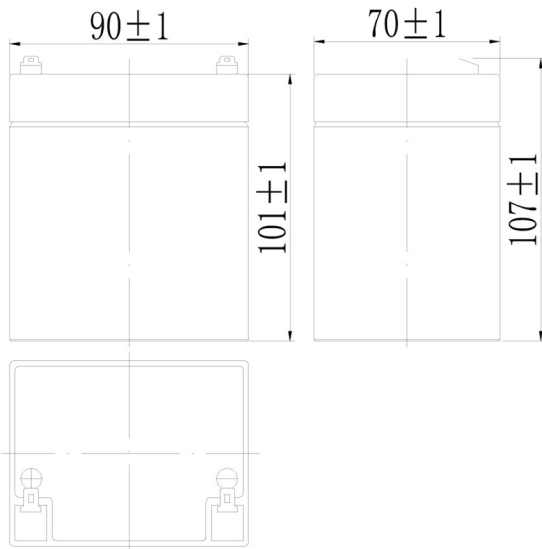


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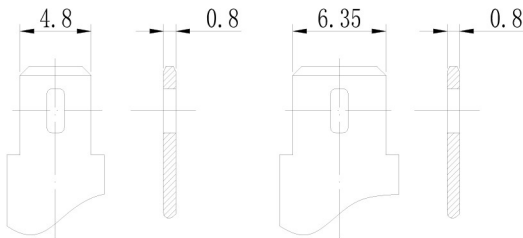
DATA SHEET FOR WWW.AVTOALL.AZ

Specifications

Dimensions



Terminal



Terminal T1

Terminal T2

Nominal Voltage		12 V
Capacity (25°C)	20HR(10.5V)	5Ah
	10HR(10.5V)	4.7Ah
	1HR(9.60V)	3.25Ah
Dimension	Length	90 ± 1mm (3.54inch)
	Width	70 ± 1mm (2.76inch)
	Height	101 ± 1mm (3.98inch)
	Total Height	107 ± 1mm (4.21inch)
Approx. Weight		1.60kg (3.53lbs) ± 5%
Terminal type		T1/T2
Internal resistance (Fully charged, 25°C)		Approx. 26m 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		1.5A
Terminal material		Copper
Maximum discharge current		75A(5 sec.)
Designed floating life(20°C)		10 years

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Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	19.0	12.0	9.50	5.30	3.25	1.78	1.28	1.02	0.87	0.47	0.25
9.90V	18.4	11.6	9.27	5.19	3.20	1.77	1.27	1.01	0.86	0.47	0.25
10.2V	17.7	11.2	8.93	5.04	3.12	1.75	1.26	1.01	0.86	0.47	0.25
10.5V	16.9	10.7	8.63	4.91	3.06	1.72	1.25	1.00	0.85	0.47	0.25
10.8V	16.0	10.1	8.17	4.73	2.96	1.68	1.21	0.97	0.82	0.46	0.25

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	212	135	108	60.7	37.6	20.8	15.1	12.1	10.4	5.66	3.05
9.90V	206	131	106	59.5	37.1	20.7	15.1	12.1	10.3	5.64	3.03
10.2V	197	126	102	57.7	36.1	20.5	15.0	12.0	10.2	5.61	3.02
10.5V	189	120	98.3	56.3	35.4	20.2	14.9	11.9	10.1	5.58	3.00
10.8V	178	114	93.1	54.2	34.3	19.7	14.4	11.6	9.84	5.47	2.94



