

BA13-2 Sealed Lead Acid (SLA) Battery 12V 7.2Ah

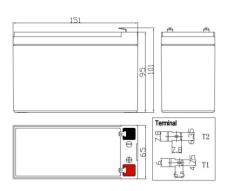


Specifications

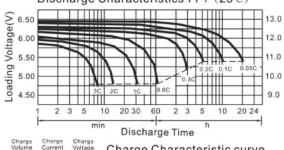
Nomi	12V	
Rated Capacity	7.2Ah	
	Length	151 (5.95)
Dimensions	Width	65 (2.56)
(mm/inch)	Height	95 (3.74)
	Total Height	101 (3.98)
Approx. V	2.36 (5.20)	
To	T1/T2	

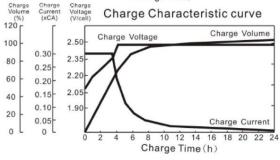
Characteristic

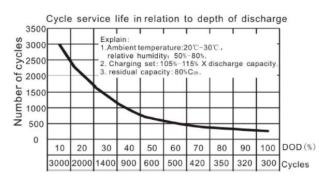
	20H1	7.52Ah					
6 "	10H1	6.84Ah					
Capacity 77 ⁰ F(25 ⁰ C)	5HR	6.30Ah					
// F(25 C)	1H1	4.45Ah					
	15 min	3.33Ah					
Internal Resistance	Full Ch	Approx.					
Internal Resistance	77	22m Ω					
T	104	102%					
Temperature	770	100%					
dependence of capacity (20HR)	32	85%					
(2011K)	5°1	65%					
Self-Discharge	3	90%					
$68^{0}\text{F}(20^{0}\text{C})$	6	80%					
(Capacity after)	12	60%					
Max. Discharge Cur	108A(5s)						
Design life for deep cycle(DOD80%), 77°F(25°C) 300 Cy							
Constant Voltage	Crolo	14.5~14.9V(-24mV/0C)					
Constant Voltage Charge,77 ⁰ F(25 ⁰ C)	Cycle	max. current: 2.16 A					
Charge, // F(25 C)	Float	13.6~13.8V(-	18mV/0C)				



Discharge Characteristics 77°F (25°C)







Constant Current Discharge Characteristics (A), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	27.36	17.28	13.32	7.20	4.71	2.62	1.94	1.307	0.860	0.706	0.382
1.70V/cell	26.00	16.42	12.72	6.88	4.54	2.52	1.91	1.285	0.850	0.698	0.378
1.75V/cell	25.49	16.06	12.49	6.74	4.45	2.47	1.87	1.260	0.835	0.684	0.376
1.80V/cell	25.00	15.70	12.27	6.61	4.38	2.43	1.84	1.238	0.824	0.677	0.374

Constant Watt	age Discha	arge Chara	cteristics	(Watt), 77	$^{0}F(25^{0}C)$						
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	49.68	31.68	24.64	13.44	8.86	4.97	3.72	2.527	1.678	1.390	0.756
1.70V/cell	47.66	30.38	23.75	12.96	8.62	4.83	3.69	2.506	1.670	1.386	0.752
1.75V/cell	47.16	29.95	23.53	12.81	8.54	4.78	3.65	2.477	1.656	1.368	0.750
1.80V/cell	46.66	29.60	23.32	12.67	8.46	4.74	3.62	2.455	1.634	1.354	0.749