

The Eos range of VRLA batteries offers outstanding performance including a 15+ year design life and a cycle life in excess of 1200 cycles to 80% DOD. Built to the highest standards and compliant with the latest IEC60896-21/22 standard this range also offers 100% capacity out-of-the-box and is capable of handling deep discharges for complete peace of mind. This robust design uses the latest AGM technology to create a range that is suitable for many applications including both fixed and mobile telecoms, UPS, utilities and solar.



**Specifications**

Battery Model	Eos-3000A			
Nominal Voltage	2V			
Capacity (25°C)	10HR (300A, 1.80V)	3HR (750A, 1.80V)		1HR (1650A, 1.75V)
	3000AH	2250AH		1650AH
Dimensions	Length	Width	Height	Total Height
	496mm	363mm	361.7mm	373.5mm
Approx. Weight	175kg			
Internal Resistance	Approx 0.10mΩ			
Max Charge Current Allowed	750A			
Charge Voltage (25°C)	Cycle use		Float use	
	2. 35V/cell		2. 25V/cell	
Temperature Ranges	Operation(maximum):		-40°C to 55°C (-40°F to 131°F)	
	Operation(recommended):		15°C to 25°C ( 59°F to 77°F)	
	Storage:		-20°C to 40°C (-4°F to 104°F)	
Terminal	M8 Female			
Terminal Hardware Torque	15 ± 1.0Nm			
Container Material	ABS (V0 optional)			

**Constant Current Discharge Data Units: Amperes (25°C, 77°F)**

End Voltage	Time (minutes)				Time (hours)									
	5	15	30	45	1	2	3	4	5	6	8	10	12	24
1.60V	4352	3662	2976	2352	1961	1205	885	696	579	499	390	323	275	150
1.65V	4081	3447	2714	2182	1851	1171	861	686	571	493	387	321	273	148
1.70V	3836	3262	2482	2045	1759	1131	822	662	557	481	381	316	271	147
1.75V	3618	3070	2289	1928	1661	1089	804	648	548	474	376	314	269	146
1.80V	3419	2863	2143	1819	1577	1057	786	637	535	464	369	310	266	143
1.83V	3209	2671	2000	1721	1488	1012	762	619	527	458	367	308	264	143
1.85V	2935	2435	1884	1602	1393	952	721	589	501	439	354	297	254	139
1.90V	2404	1923	1565	1338	1152	796	644	535	454	398	321	271	235	129
1.94V	2175	1757	1438	1213	1036	711	552	464	400	352	288	246	210	115

**Constant Power Discharge Data Units: Watts per cell (25°C, 77°F)**

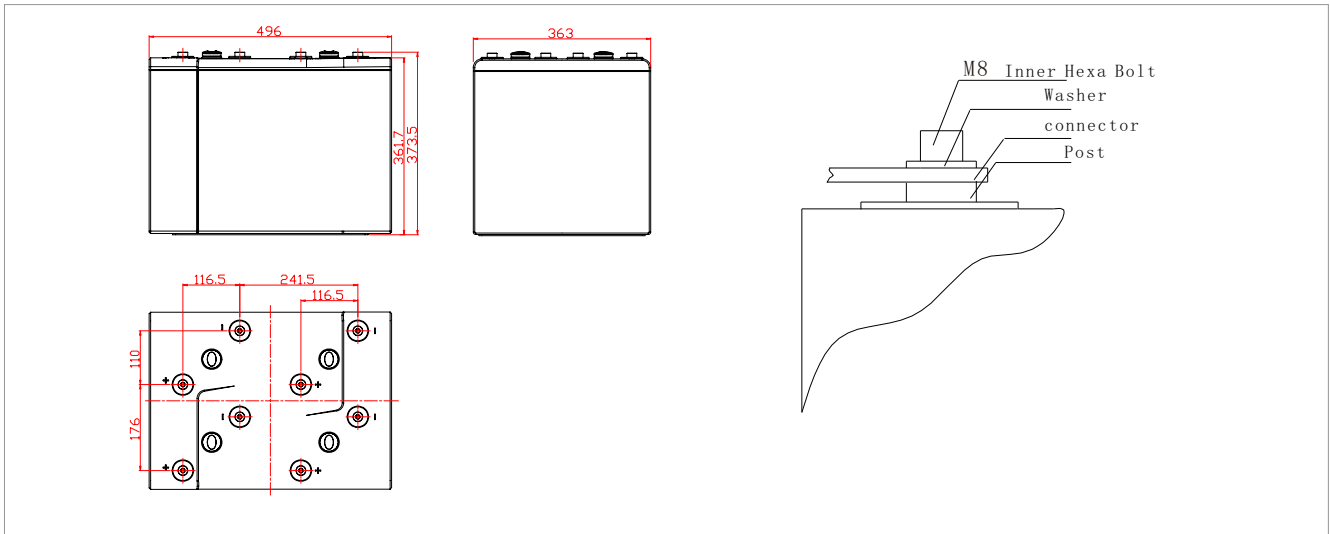
End Voltage	Time (minutes)				Time (hours)									
	5	15	30	45	1	2	3	4	5	6	8	10	12	24
1.60V	7385	6214	5136	4362	3746	2382	1767	1426	1203	1057	861	713	600	321
1.65V	7129	6021	4937	4178	3627	2283	1723	1396	1173	1034	842	695	585	313
1.70V	6891	5860	4775	4032	3490	2193	1687	1360	1150	1010	829	689	580	310
1.75V	6609	5608	4489	3780	3291	2097	1654	1337	1129	980	811	683	575	307
1.80V	6312	5287	4196	3523	3030	2020	1604	1316	1099	959	793	671	565	302
1.83V	5941	4946	3921	3283	2834	1946	1568	1280	1069	933	772	659	555	297
1.85V	5566	4619	3624	3009	2596	1871	1515	1245	1040	906	748	636	535	286
1.90V	4678	3743	2963	2468	2201	1687	1381	1152	971	855	701	598	504	269
1.94V	4233	3420	2618	2168	1984	1553	1264	1050	885	769	630	539	454	242

stored energy solutions for a demanding world

**Narada**

**Eos**

**Eos-3000A**

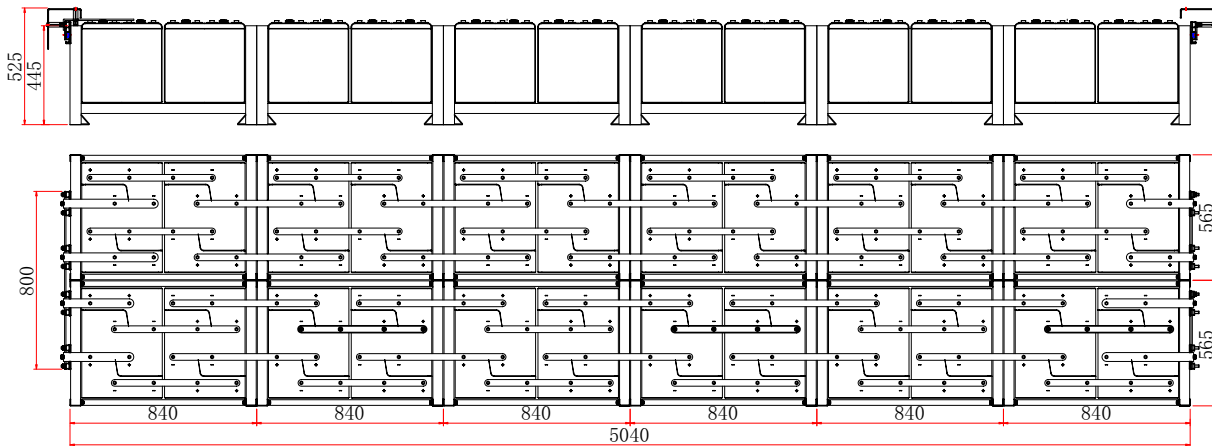


**Racking (optional)**

Narada racks are constructed using strong, easy to assemble, powder-coated steel tubing and come complete with sliding cover terminal (take-off) plates.

Cell model: Eos-3000  
 Number of cells: 24  
 System Voltage: 48

Rack Width*	Rack Depth	Rack Height	Rack Weight
5040 mm	1130 mm	525 mm	4600 kg



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