

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. The use of flexible connectors and several optional racking systems allows for multiple installation possibilities. 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-600			
Nominal Voltage	2V			
Capacity (25°C)	10HR (60A, 1.80V)	3HR (150A, 1.80V)		1HR (330A, 1.75V)
	600AH	450AH		330AH
Dimensions	Length	Width	Height	Total Height
	223mm	184.5mm	360.5mm	372mm
Approx. Weight	35kg			
Internal Resistance	Approx 0.28mΩ			
Max Charge Current Allowed	150A			
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)			

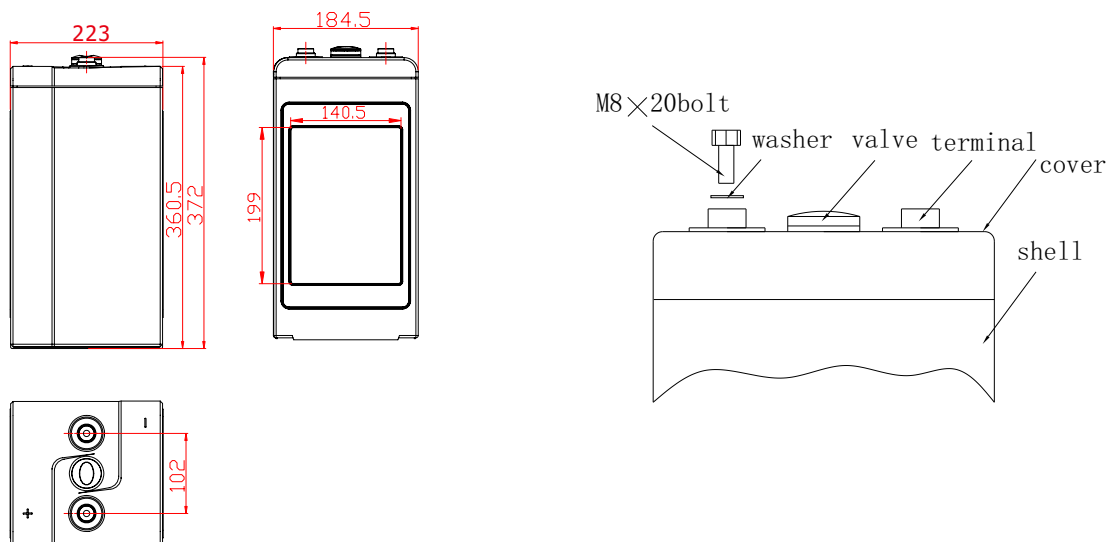
Constant Current Discharge Data Units: Amperes (25°C, 77°F)

End Voltage	Time (minutes)				Time (hours)									
	5	15	30	45	1	2	3	4	5	6	8	10	12	24
1.60V	1000	837	620	478	392	231	170	136	115	99.2	79.1	65.7	55.5	29.3
1.65V	924	781	594	457	372	226	165	132	112	97.9	78.1	65.0	54.9	29.1
1.70V	864	732	546	428	355	217	161	131	111	96.6	76.6	64.0	54.3	28.9
1.75V	823	693	508	409	339	210	156	127	108	95.0	75.7	63.1	53.5	28.5
1.80V	791	653	475	380	317	201	151	123	106	92.7	74.3	61.7	52.2	28.0
1.83V	736	613	452	362	297	192	146	120	103	91.0	72.9	60.4	51.3	27.4
1.85V	701	579	424	344	286	181	143	119	102	89.7	72.1	60.0	51.0	27.1
1.90V	603	490	364	297	254	170	134	113	98.2	86.4	69.4	58.0	49.5	26.5
1.94V	542	436	322	261	226	153	123	105	91.0	80.2	64.9	54.6	46.8	25.5

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	1700	1424	1134	941	808	521	386	308	255	218	170	139	119	63.7
1.65V	1617	1366	1072	878	746	478	362	292	246	211	164	136	116	62.2
1.70V	1554	1318	1045	840	711	464	349	282	241	207	160	132	113	60.3
1.75V	1506	1268	1010	810	683	448	337	276	235	202	154	130	111	59.4
1.80V	1464	1209	974	786	667	440	325	267	228	196	150	128	108	58.5
1.83V	1384	1153	919	754	644	422	317	263	223	190	148	125	107	57.4
1.85V	1332	1101	866	714	607	404	307	257	217	186	146	123	105	56.3
1.90V	1175	955	731	599	523	350	285	239	203	173	136	114	98.5	54.0
1.94V	1062	855	655	538	463	324	265	224	192	166	131	109	94.1	52.5

Dimensions (mm)



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-600
Number of cells: 24
System Voltage: 48

Cell Configuration	2 high 12 wide	4 high 6 wide	6 high 4 wide
Rack Width*	2510 mm	1255 mm	868 mm
Rack Depth	400 mm	400 mm	400 mm
Rack Height	636 mm	1122 mm	1708 mm
System Weight	922 kg	922 kg	922 kg

* Please allow 100mm for terminal boxes

