

Eos

Eos-1000

The Eos range of VRLA batteries offers outstanding performance including a 15 years design life. 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 .



Specifications

Battery Model	Eos-1000			
Nominal Voltage	2V			
Capacity (25℃)	10HR (100A, 1.80V)	3HR (250A, 1.80V)		1HR (550A,1.75V)
	1000AH	750AH		550AH
Dimensions	Length	Width	Height	Total Height
	190.5mm	338.5mm	362.5mm	372mm
Approx. Weight	52kg			
Internal Resistance	Approx 0.35mΩ			
Short circuit current	9530 A			
Max Charge Current Allowed	250A			
Charge Voltage (25℃)	Cycle use		Float use	
	2. 35V/cell		2. 25V/cell	
Temperature Ranges	Operation(maximum):	-40℃ to 55℃ (-40℉ to 131℉)		
	Operation(recommended):	15℃ to 25℃ (59℉ to 77℉)		
	Storage:	-20℃ to 40℃ (-4℉ to 104℉)		
Terminal	M8 Female			
Terminal Hardware Torque	12~15N·m			
Container Material	ABS (V0 optional)			
Self Discharge	The residual capacity is above 94% after 90 days storage(25℃/77℉)			

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

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	605	378	279	186	126	108	92	57
1.70V	592	373	276	184	124	106	90	56
1.75V	570	364	271	182	122	104	88	55
1.80V	533	347	261	176	120	102	87	54

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

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	1051	692	519	357	248	208	180	112
1.70V	1027	684	516	356	247	207	177	110
1.75V	987	671	509	354	246	206	173	108
1.80V	924	647	496	346	242	203	170	105

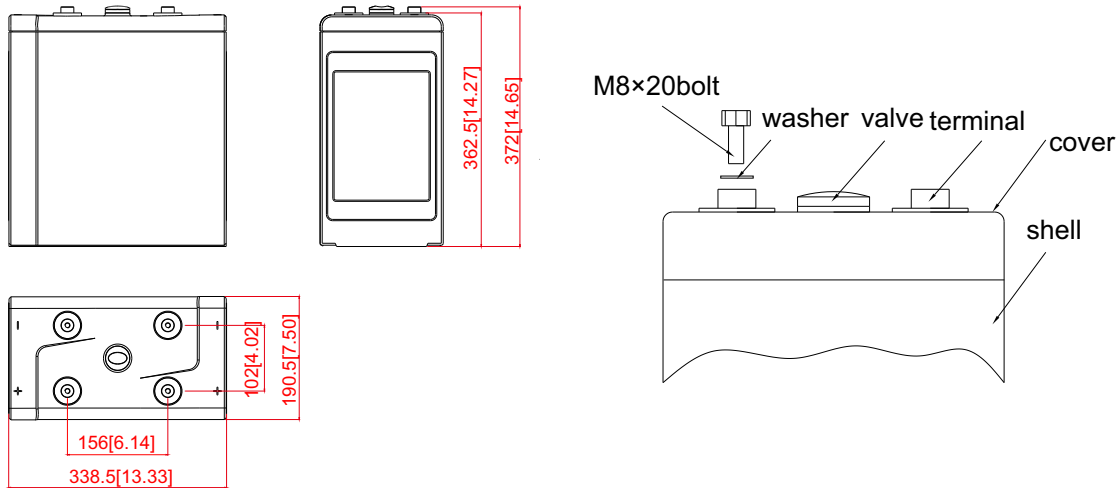
stored energy solutions for a demanding world

Narada

Eos

Eos-1000

Dimensions (mm)



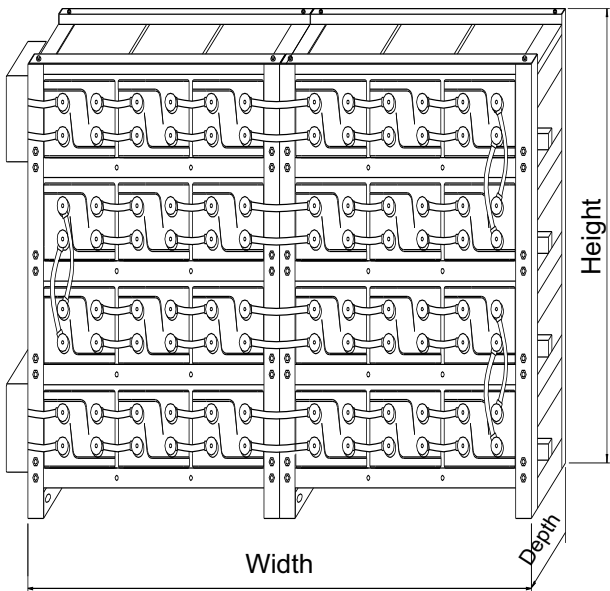
Racking (optional)

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-1000
Number of cells: 24
System Voltage: 48

Cell Configuration	2 high 12 wide	4 high 6 wide
Rack Width*	1790 mm	1390 mm
Rack Depth	365 mm	365 mm
Rack Height	876 mm	1652 mm
System Weight	1400 kg	1430 kg

* Please allow 100mm for terminal boxes



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