

Eos

Eos-600

The Eos range of VRLA batteries offers outstanding performance including a 15+ year 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 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	370mm
Approx. Weight	33kg			
Internal Resistance	Approx 0.36mΩ			
Short circuit current	5521A			
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	>10N·m			
Container Material	ABS (V0 optional)			
Self Discharge	The residual capacity is above 94% after 90 days storage(25°C/77°F)			

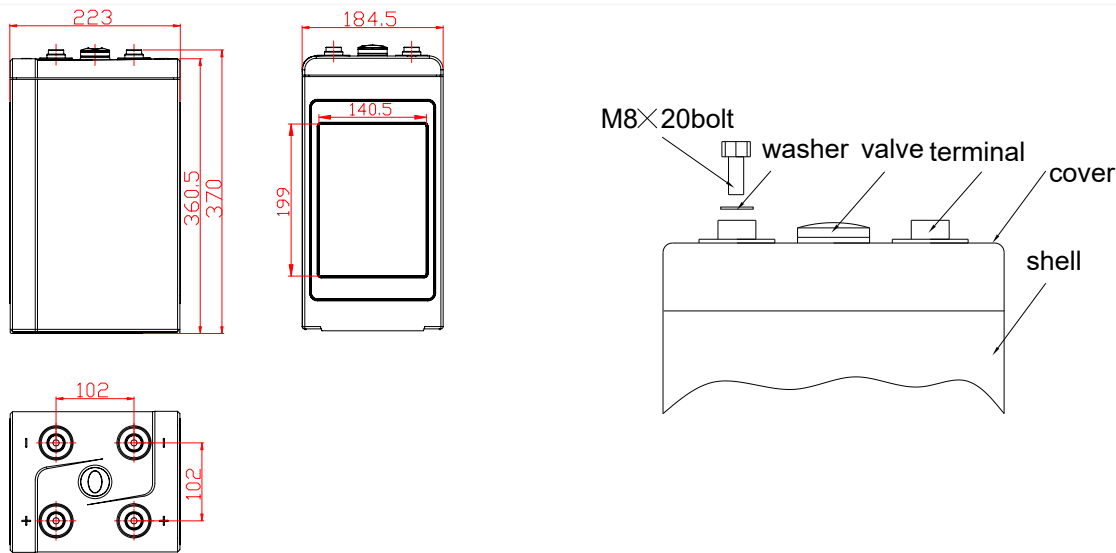
Constant Current Discharge Data Units: Amperes (25 °C, 77 °F)

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	363	227	167	112	76	65	55	34.1
1.70V	355	224	166	110	74	64	54	33.6
1.75V	342	218	163	109	73	62	53	32.6
1.80V	320	208	157	106	72	61	52	32.0

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

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	630	415	311	214	148	125	109	69
1.70V	616	411	310	213	147	124	108	68
1.75V	592	403	306	212	146	123	104	65
1.80V	554	388	297	208	145	122	103	64

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	365 mm	365 mm	365 mm
Rack Height	644 mm	1188 mm	1732 mm
System Weight	923 kg	923 kg	923 kg

* Please allow 100mm for terminal boxes

