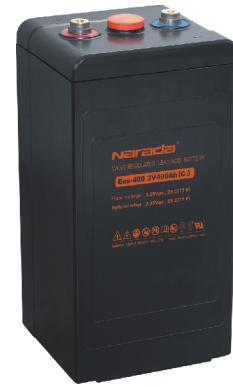


**Model: EOS-400**

**Eos**

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 the ability to be installed both horizontally and vertically 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**

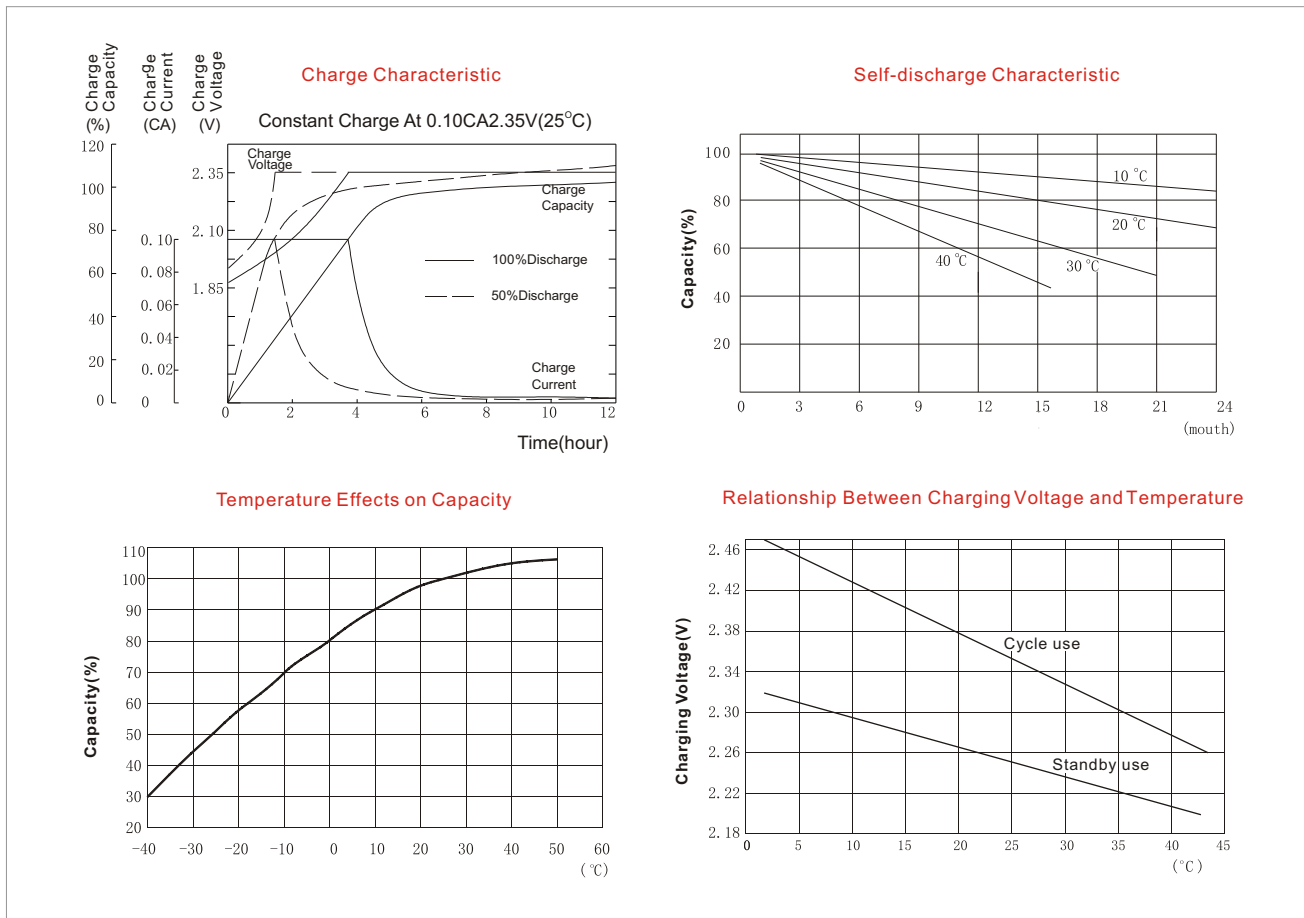
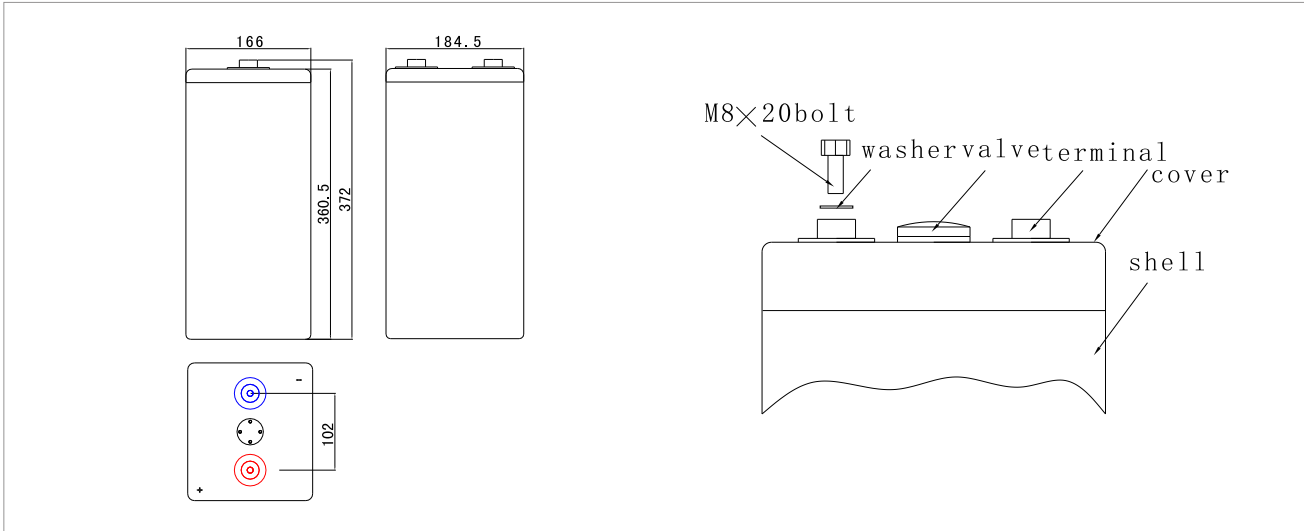
Battery Model	EOS-400			
Nominal Voltage	2V			
Capacity(25°C)	10HR(40A, 1.80V)	3HR(100A, 1.80V)		1HR(220A, 1.75V)
	400AH	300AH		220AH
Dimensions	Length	Width	Height	Total Height
	166mm	184.5mm	360.5mm	372mm
Approx.Weight	26kg			
Internal Resistance	0.35mΩ			
Max Charge Current Allowed	100A			
Charge 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 Characteristics Units: Amperes (25°C, 77°F)**

F.V/Time	5MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	24HR
1.60V	673	564	418	264	156	114	77.4	53.3	44.2	19.9
1.65V	622	526	400	250	152	111	75.5	52.6	43.8	19.8
1.70V	581	493	368	239	146	108	74.9	51.6	43.1	19.8
1.75V	554	467	342	228	141	105	72.8	51.0	42.5	19.5
1.80V	533	440	320	214	135	102	71.1	50.0	41.5	19.2
1.83V	496	413	305	200	129	98.3	69.4	49.1	40.6	18.8
1.85V	472	390	285	193	122	96.4	68.7	48.6	40.4	18.6
1.88V	439	356	268	185	119	94.4	68.0	48.0	40.1	18.4
1.90V	406	330	245	171	114	90.4	66.2	46.7	39.0	18.2
1.94V	365	294	217	152	103	83.1	61.3	43.7	36.8	17.6

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

F.V/Time	5MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	24HR
1.60V	1145	959	763	544	351	260	172	115	93.6	42.1
1.65V	1089	920	722	503	322	244	166	110	91.4	41.3
1.70V	1047	887	704	479	313	235	162	108	88.7	40.7
1.75V	1014	854	680	460	302	227	158	104	87.3	40.1
1.80V	986	814	656	449	296	219	154	101	86.0	39.8
1.83V	932	777	619	433	284	213	150	99.3	84.3	39.0
1.85V	897	741	583	409	272	207	146	98.0	82.7	38.1
1.88V	847	687	542	384	253	200	142	95.3	80.7	37.0
1.90V	791	643	492	352	236	192	137	91.7	76.7	35.8
1.94V	715	576	441	312	218	178	130	88.0	73.3	35.1



NARADA POWER SOURCE CO.,LTD.  
 No.459 Wensan Road, Hangzhou, Zhejiang, P.R.China  
 Tel:+86-571-28827013 Fax:+86-571-85126942  
 Website:www.naradabattery.com E-mail:intl@narada.biz

NARADA EUROPE LTD.  
 PO Box 1137,Hemel Hempstead, HP1 9BQ, UK  
 Tel:+44(0)1442 249791 Fax:+44(0)1442 229380  
 E-mail: Sales@naradaeurope.com

NARADA ASIA PACIFIC PTE.LTD.  
 65 Ubi Crescent HOLA centre #08-02 Singapore  
 Tel:+65-68481191/+65-67421208 Fax:+65-67493498  
 E-mail: Sales@narada.com.sg

