

stored energy solutions for a demanding world



Model: **24OPzV3000**

Ares series

Ares range battery adopts traditional tubular gel technology, adopts patent gel electrolyte. The products are used as standby power for communication, power, military and broadcast and television system. They possess precise ABS heat seal technology between container and lid and patented post seal structure. Provide better deep cycle performance versus AGM. The design float life is 18 years.



Specifications

Battery Model	24OPzV3000
Nominal Voltage	2V
Rated Capacity	3000Ah (10hour rate) to 1.80V/cell @25°C(77°F)
Typical Weight	228kg
Internal Resistance	Approx 0.108mΩ
Operating Temperature Range	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)
Float Voltage	2.23V/cell@25°C(77°F)
Recommended Maximum Charging Current Limit	750A
Equalize and Cycle Service	2.35V~2.40V/cell@25°C(77°F)
Self Discharge	The residual capacity is above 94% after 90 days storage(25°C/77°F)
Terminal	M8 Female Large Size Copper Post
Terminal Hardware Torque	15 ± 1.0Nm
Container Material	ABS (V0 optional)

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

End voltage per cell	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h	100h
1.60V	3257	2601	1782	1105	797	633	542	477	384	315	141	77.5	43.5
1.65V	3143	2515	1739	1083	786	625	536	471	381	313	141	76.9	42.8
1.70V	2960	2411	1687	1057	772	616	529	463	377	312	140	76.2	42.1
1.75V	2807	2322	1638	1029	756	606	520	454	370	307	137	75.3	41.0
1.80V	2475	2124	1559	990	738	593	508	443	361	300	134	74.1	39.7
1.85V	2084	1787	1450	939	714	575	492	428	351	294	129	70.5	38.4
1.90V	1574	1525	1158	817	639	535	457	395	318	264	119	65.8	35.4

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

End voltage per cell	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	12h	24h
1.60V	6514	5158	3950	2168	1648	1310	1100	963	791	664	570	291
1.65V	6202	4886	3673	2153	1636	1301	1093	956	785	660	566	289
1.70V	5920	4663	3440	2124	1614	1283	1078	943	774	651	558	285
1.75V	5603	4475	3237	2064	1574	1233	1040	922	762	639	551	281
1.80V	5242	4297	3054	1990	1530	1203	992	881	726	606	515	276
1.85V	4905	4128	2841	1916	1455	1143	965	846	707	581	496	269
1.90V	4584	3767	2529	1737	1406	1203	1000	807	671	527	453	256

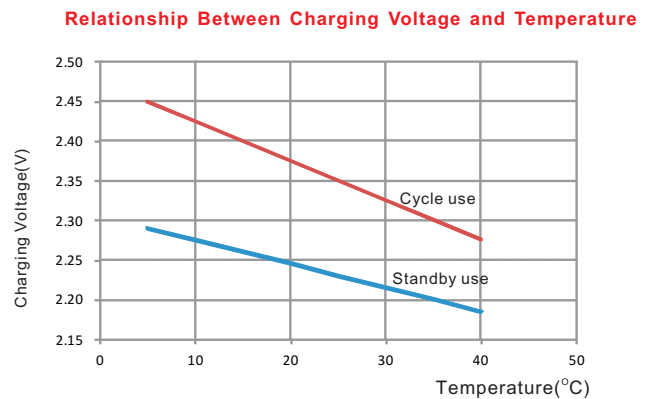
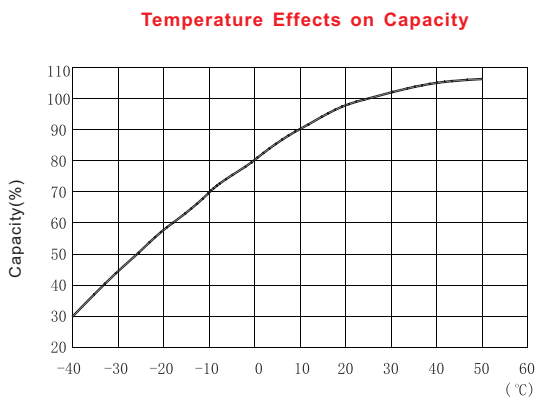
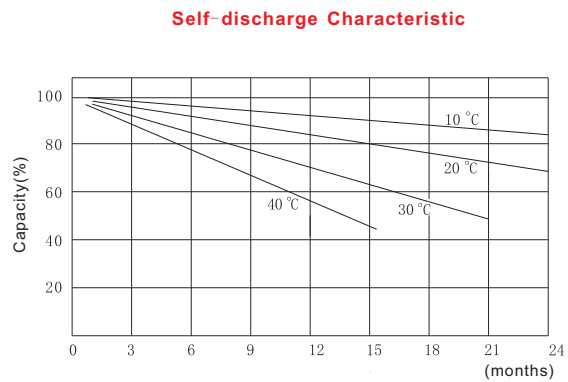
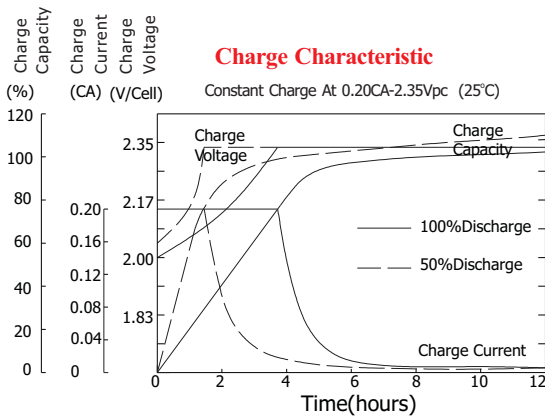
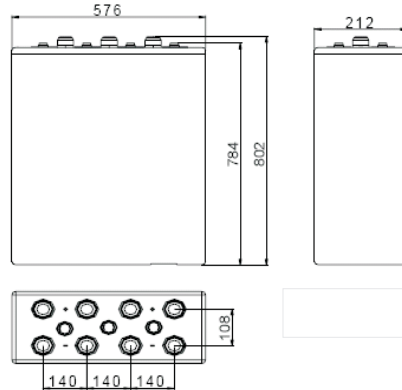
stored energy solutions for a demanding world

NARADA

Model: **24OPzV3000**

Ares series

Dimensions-mm[inch]



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 ASIA PACIFIC PTE.LTD.
65 Ubi Crescent #07-05 HOLA centre, Singapore
Tel: +65-6848 1191 Fax: +65-6749 3498
E-mail: sales@narada.com.sg

NARADA EUROPE (UK) LIMITED
Spectrum House, Dunstable Road, Redbourn,
St. Albans, Herts AL3 7PR
Tel: +44 (0)845 371 7095 Fax:+44 (0)845 612 2031
E-mail: sales@naradaeurope.com



24OPzV3000 - 01-EN June 2010 E.&O.E.

TEMPEL GROUP ARGENTINA
www.tempelgroup.com
baires@tempelgroup.com
Tel.+54 11 4897-7184/7178

TEMPEL GROUP en el mundo
BUENO AIRES · MADRID · VALENCIA · BILBAO · SEVILLA ·
LISBOA · PORTO · LIMA · SÃO PAULO · SANTIAGO DE CHILE · BOGOTÁ ·
CIUDAD DE MÉXICO · CIUDAD DE PANAMÁ · MONTEVIDEO · QUITO



tempel
group