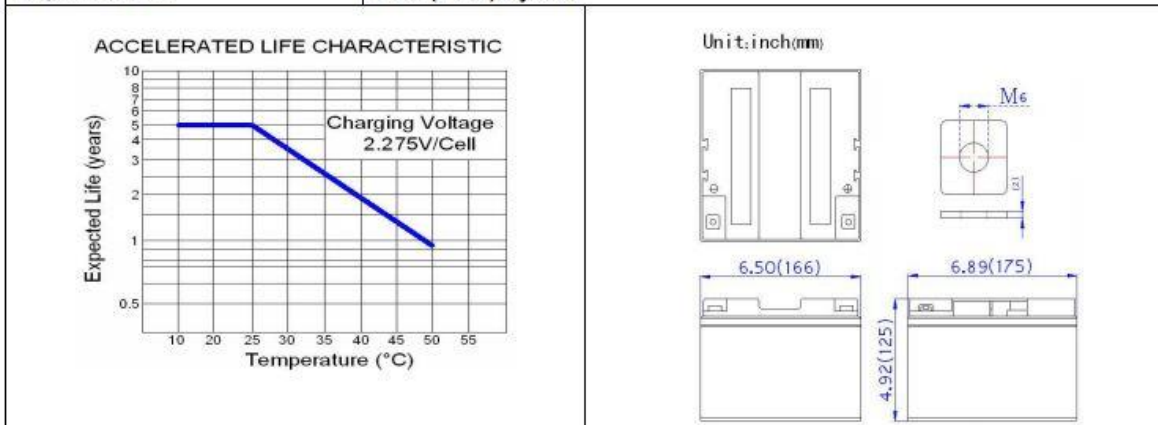


# NAVAIO – NP 26

## ACUMULATOR 12V 26Ah

|                     |  |                           |
|---------------------|--|---------------------------|
| Rated Voltage       | 12V  |                           |
| Rated Capacity      | 26AH/10HR  | Terminal:(M6Bolt)         |
| Dimension           | Length   | 166±1mm(6.50in)           |
|                     | Width  | 175±1mm(6.89in)           |
|                     | Height   | 125±1mm(4.92in)           |
|                     | Total Height   | 125±1mm(4.92in)           |
| Weight              | 8.65kg(19.03Pounds)                                    |                           |
| Container Material  | ABS,UL 94V-0 Resist acid, resist oil, resist vibration | Index of oxygen L.O.I>28% |
| Type of electrolyte | AGM Non-spillable                                      |                           |

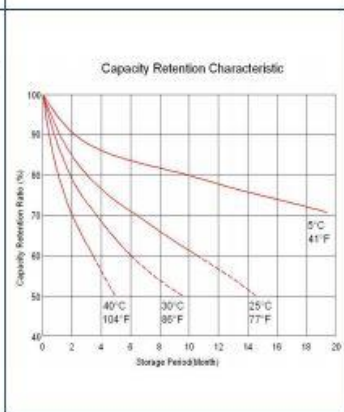
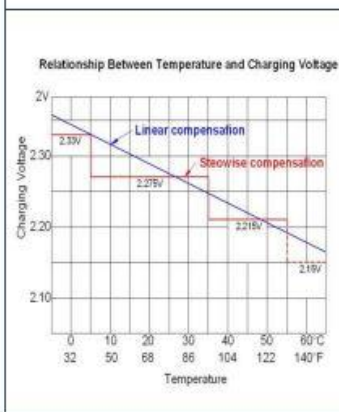
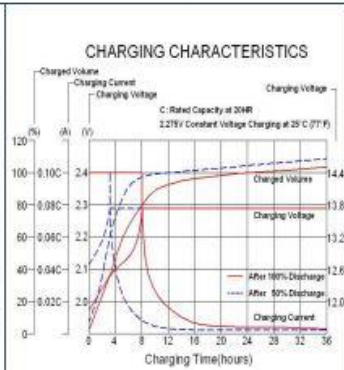
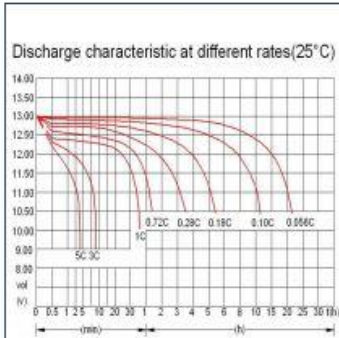
|  |  |                        |
|--|--|------------------------|
| Capacity<br>25°C(77°F)                       | 10HR of 2.60A to 10.5V                                   | 26.0AH                 |
|  | 5HR of 4.68A to 10.5V                                    | 23.4AH                 |
|  | 1HR of 18.72A to 10.5V                                   | 18.7AH                 |
|  | 0.5HR of 30.20A to 10.5V                                 | 15.1AH                 |
| Internal Resistance                          | Full Charge 25°C(77°F)                                   | Approx.8.0mΩ           |
| The capacity will be effected by temperature | 40°C(104°F)  | 105%(10HR to 27.3AH)   |
|  | 25°C(77°F)   | 100%(10HR to 26.0AH)   |
|  | 0°C(32°F)  | 85%(10HR to 22.1AH)    |
|  | -20°C(-4°F)  | 60%(10HR to 15.6AH)    |
| Self-discharge<br>25°C(77°F)                 | 1 months, 97% left                                       | 6 months, 85% left     |
|  | 3 months, 91% left                                       | 12 months, 64% left    |
| Max Discharge Current                        |  | 260A(10CA)             |
| Max Short Duration Discharge Current         |  | 390A(15CA)             |
| Float Charging                               | Voltage  | 13.65±0.15V 25°C(77°F) |
|  | Current  | 7.8A(0.3CA)            |
| Cyclic Charging                              | Voltage  | 14.70±0.30V 25°C(77°F) |
|  | Current  | 6.5A(0.25CA)           |
| Operation Temperature Range                  | Charge:-10~40°C(14~104°F) · Discharge:-20~50°C(-4~122°F) |                        |
| Expected Life                                | 25°C(77°F)5 years  |                        |



**Amperes and watts per battery at 25°C (77°F)**

| F.V.            | Time | Minutes |      |      |      |      |      |      |      |      |      | Hours |       |      |      |      |      |      |      |
|-----------------|------|---------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|
|                 | Item | 1       | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 1     | 2     | 3    | 4    | 5    | 8    | 10   | 20   |
| 1.60<br>(9.60)  | A    | 137.3   | 87.1 | 64.2 | 52.0 | 45.8 | 38.2 | 34.3 | 30.9 | 28.9 | 26.3 | 20.02 | 11.54 | 8.09 | 6.34 | 5.15 | 3.35 | 2.94 | 1.61 |
|                 | W    | 1441    | 915  | 674  | 572  | 503  | 440  | 395  | 356  | 332  | 302  | 230   | 135   | 95   | 74   | 62   | 40   | 35   | 19   |
| 1.65<br>(9.90)  | A    | 120.9   | 79.8 | 59.3 | 48.9 | 42.6 | 36.1 | 32.2 | 29.4 | 27.0 | 24.7 | 19.50 | 11.39 | 7.98 | 6.21 | 5.07 | 3.28 | 2.89 | 1.59 |
|                 | W    | 1269    | 838  | 622  | 538  | 469  | 416  | 371  | 338  | 311  | 284  | 224   | 133   | 93   | 73   | 61   | 39   | 35   | 19   |
| 1.70<br>(10.20) | A    | 109.5   | 76.7 | 57.5 | 46.0 | 40.0 | 34.6 | 30.9 | 28.1 | 25.5 | 24.2 | 18.98 | 11.10 | 7.80 | 5.98 | 4.97 | 3.20 | 2.70 | 1.51 |
|                 | W    | 1149    | 805  | 603  | 506  | 440  | 396  | 356  | 323  | 293  | 278  | 218   | 130   | 91   | 70   | 60   | 38   | 32   | 18   |
| 1.75<br>(10.50) | A    | 95.9    | 72.5 | 50.4 | 42.9 | 38.0 | 33.0 | 30.2 | 27.0 | 24.7 | 22.9 | 18.72 | 10.53 | 7.31 | 5.69 | 4.68 | 3.15 | 2.60 | 1.46 |
|                 | W    | 1007    | 762  | 530  | 472  | 418  | 380  | 347  | 311  | 284  | 263  | 215   | 123   | 85   | 67   | 56   | 38   | 31   | 17   |
| 1.80<br>(10.80) | A    | 85.0    | 65.8 | 45.8 | 39.3 | 34.8 | 31.5 | 28.1 | 25.7 | 23.7 | 22.4 | 17.94 | 10.11 | 7.23 | 5.56 | 4.55 | 3.04 | 2.55 | 1.40 |
|                 | W    | 893     | 691  | 480  | 432  | 383  | 362  | 323  | 296  | 272  | 257  | 206   | 118   | 85   | 65   | 55   | 37   | 31   | 17   |
| 1.83<br>(10.98) | A    | 79.3    | 60.6 | 36.1 | 33.5 | 29.1 | 26.8 | 25.0 | 22.4 | 20.0 | 19.2 | 17.16 | 9.96  | 6.84 | 5.28 | 4.26 | 2.96 | 2.37 | 1.33 |
|                 | W    | 833     | 636  | 379  | 369  | 320  | 308  | 287  | 257  | 230  | 221  | 197   | 117   | 80   | 62   | 51   | 36   | 28   | 16   |

※Adopt M6,M8 screws, the torque from 8Nm till 10Nm(max.) or from 15Nm till 17Nm(Max) use stainless material for durable application.



**Application:**

- ☆Broadcast television systems
- ☆Telecom and UPS systems
- ☆Communication back-up systems
- ☆Solar storage power systems
- ☆Power systems
- ☆Forklift, elevator systems
- ☆Emergency lighting
- ☆Fire and security systems

**Stabilities:**

- ☆Positive, negative's plates are all Calcium-Lead alloy.
- ☆The plastic material is fire-resistance ABS or same grade of UL 94V-0 L.O.I >28%

**Polarities:**

- ☆The polarities adopted Antimony-Lead alloy or copper alloy covered with Lead material.

**Seal construction:**

- ☆Non-spillable, no leaking danger, the gas escape rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is high than 98%
- ☆The electrolyte can be absorbed by separator, the gravity of acid:1.295(25°C)AGM