



# Atlas Battery

## TECHNICAL SPECIFICATION – VRLA BATTERY



Atlas Storage Batteries Co. Ltd.

H-38, Phase II Riico Industrial Area - Beawar

Atlas Battery

| Battery Type | Nominal Voltage | Nominal Capacity (Ah)  |        |       |       | Charging Voltage at 25°C |                | Maximum Charging Current (A) | Dimensions (+5mm) |     |     | Weight +-5% Kg. |
|--------------|-----------------|------------------------|--------|-------|-------|--------------------------|----------------|------------------------------|-------------------|-----|-----|-----------------|
|              |                 | 20 Hr.                 | 10 Hr. | 5 Hr. | 1 Hr. | Stand by Use (V)         | Cyclic Use (V) |                              |                   |     |     |                 |
|              |                 | Final Voltage Per Cell |        |       |       |                          |                |                              |                   |     |     |                 |
|              |                 | 1.75 V                 | 1.75V  | 1.70V | 1.55V |                          |                |                              |                   |     |     |                 |
| SB 6-4.5     | 6               | 4.5                    | 3.7    | 3.4   | 2.4   | 13.5                     | 14.4           | 1.2                          | 70                | 48  | 102 | 0.72            |
| SB 6-10      | 6               | 10.0                   | 9.3    | 8.5   | 6.0   |                          |                | 3.0                          | 120               | 60  | 125 | 1.90            |
| SB 12-7.2    | 12              | 7.2                    | 6.7    | 6.1   | 4.3   |                          |                | 2.1                          | 151               | 65  | 101 | 2.10            |
| SB 12-7.5    | 12              | 7.5                    | 7.0    | 6.3   | 4.5   |                          |                | 2.2                          | 151               | 65  | 101 | 2.40            |
| SB 12-12     | 12              | 12                     | 11.0   | 10.0  | 7.0   |                          |                | 3.6                          | 151               | 99  | 100 | 3.85            |
| SB 12-18     | 12              | 18                     | 16.0   | 15.0  | 11.0  |                          |                | 5.4                          | 181               | 76  | 170 | 5.60            |
| SB 12-26     | 12              | 26                     | 22.0   | 21.0  | 15.0  |                          |                | 8.4                          | 175               | 165 | 130 | 8.40            |
| SB 12-42     | 12              | 42                     | 39.0   | 36.0  | 25.0  | TO                       | TO             | 12.6                         | 197               | 165 | 175 | 14.10           |
| SB 12-65     | 12              | 65                     | 60.0   | 55.0  | 42.0  |                          |                | 19.5                         | 350               | 165 | 175 | 20.80           |
| SB 12-80     | 12              | 80                     | 74.0   | 68.0  | 48.0  |                          |                | 24.0                         | 260               | 167 | 210 | 23.70           |
| SB 12-100    | 12              | 100                    | 93.0   | 85.0  | 60.0  |                          |                | 30.0                         | 329               | 172 | 215 | 28.90           |
| SB 12-120    | 12              | 120                    | 112.0  | 102.0 | 72.0  |                          |                | 36.0                         | 405               | 170 | 237 | 35.20           |
| SB 12-135    | 12              | 135                    | 126.0  | 115.0 | 81.0  |                          |                | 40.5                         | 484               | 171 | 241 | 38.60           |
| SB 12-150    | 12              | 150                    | 140.0  | 128.0 | 90.0  |                          |                | 45.0                         | 484               | 171 | 241 | 41.50           |
| SB 12-165    | 12              | 165                    | 154.0  | 140.0 | 99.0  | 13.8                     | 15.0           | 49.0                         | 522               | 240 | 242 | 50.10           |
| SB 12-180    | 12              | 180                    | 167.0  | 153.0 | 108.0 |                          |                | 54.0                         | 522               | 240 | 242 | 53.80           |
| SB 12-200    | 12              | 200                    | 186.0  | 170.0 | 120.0 |                          |                | 60.0                         | 522               | 240 | 242 | 56.50           |
| SB 12-225    | 12              | 225                    | 209.0  | 191.0 | 135.0 |                          |                | 68.0                         | 522               | 240 | 242 | 64.50           |
| SB 12-240    | 12              | 240                    | 223.0  | 204.0 | 144.0 |                          |                | 72.0                         | 522               | 240 | 242 | 66.50           |

Note: According to company policy of continuous improvement in the process and design, the company reserves the right to change technical specifications and design without prior intimation.

