



# ESL 50-12FTHT

## 12V - 50 Ah

### Electrical Specifications @ 25°C

|                         |               |               |
|-------------------------|---------------|---------------|
| Nominal Voltage         |               | 12 V          |
| Capacity                | C10 / 1,80V   | 50,0 Ah       |
|                         | C5 / 1,75V    | 45,3 Ah       |
|                         | C3 / 1,70V    | 37,2 Ah       |
|                         | C1 / 1,60V    | 35,2 Ah       |
| Self Discharge @20°C    | per Month     | ≈ 3 %         |
| Resistance              | fully charged | ≈ 8 mΩ        |
| Standby use             | +/- 1%        | 2,27-2,30 V/c |
| Temp. correction factor | +/- 1%        | -3 mV /°C /c  |
| Cyclic use              | +/- 1%        | 2,40-2,45 V/c |
| Max. charging current   | +/- 1%        | 15 A          |
| Temp. correction factor |               | -3 mV /°C /c  |

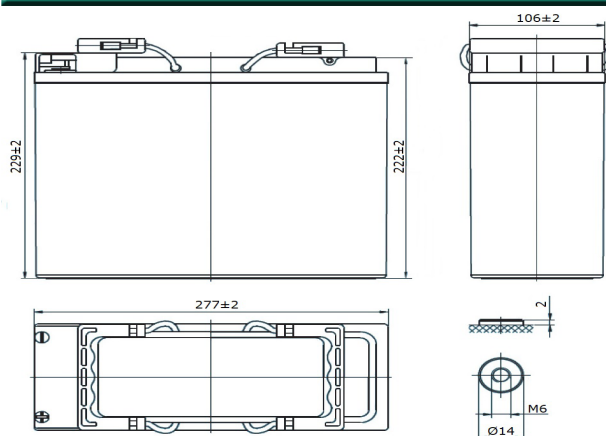
### Other Specifications @ 25°C

|                         |                   |
|-------------------------|-------------------|
| Design Life @35°C       | 12 Years          |
| Dimensions (LxWxH1) ± 3 | 277x106x222 mm    |
| Total Height (H2)       | 229 mm            |
| Operating temp.         | -30 ~ +80 °C      |
| Charge Operation temp   | -10 ~ 70 °C       |
| Container               | ABS               |
| Separator               | Fiberglass        |
| Electrolyte             | Acid              |
| Terminal / Length       | M6 / 16 bold / mm |
| Optional terminal types | —                 |
| Torque setting          | 8 Nm              |
| Weight (±2%)            | 17,3 kg           |

### Innovative Features

- Wide operating temperature range : -30 °C to +80 °C
- Patented anti-corrosion grid technology
- Special Battery separator technology
- Special Containers & lids with thermostability
- Special structure design with compression resistance and impact resistance
- Save 50% cost of air conditioners power consumption
- 100% air conditioner maintenance saving
- 30% CO2 gas emission reduce;
- 100% condensing agent saving, no condensing agent pollution

### Dimensions / Pole settings



### Constant Current Discharge - Ampere @ 25°C

| V/Cell | 5m | 10m  | 15m  | 20m  | 25m  | 30m  | 35m  | 40m  | 45m  | 50m  | 55m  | 60m  | 90m  | 2h   | 3h   | 4h   | 5h   | 6h   | 7h   | 8h   | 9h   | 10h  | 12h  | 20h  |
|--------|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1,80   | /  | 77,0 | 66,0 | 58,2 | 53,4 | 49,0 | 44,9 | 42,4 | 38,8 | 36,4 | 34,2 | 32,4 | 22,3 | 16,8 | 12,1 | 10,3 | 9,00 | 7,89 | 6,92 | 6,13 | 5,48 | 5,00 | 4,28 | 2,66 |
| 1,75   | /  | 85,0 | 71,6 | 62,1 | 56,5 | 51,2 | 46,7 | 43,6 | 40,1 | 37,5 | 35,0 | 33,1 | 22,9 | 17,1 | 12,3 | 10,4 | 9,06 | 7,94 | 6,96 | 6,16 | 5,50 | 5,01 | 4,29 | 2,67 |
| 1,70   | /  | 93,0 | 77,1 | 66,0 | 59,1 | 53,3 | 48,6 | 44,8 | 41,4 | 38,5 | 35,8 | 33,8 | 23,4 | 17,4 | 12,4 | 10,5 | 9,13 | 7,99 | 7,00 | 6,19 | 5,52 | 5,02 | 4,30 | 2,67 |
| 1,65   | /  | 101  | 82,7 | 70,1 | 62,2 | 55,5 | 50,4 | 46,1 | 42,7 | 39,5 | 36,7 | 34,5 | 23,9 | 17,7 | 12,6 | 10,6 | 9,19 | 8,04 | 7,04 | 6,22 | 5,54 | 5,03 | 4,31 | 2,68 |
| 1,60   | /  | 109  | 88,2 | 74,3 | 65,3 | 57,6 | 52,3 | 47,5 | 44,0 | 40,6 | 37,6 | 35,2 | 24,5 | 18,0 | 12,8 | 10,7 | 9,26 | 8,09 | 7,08 | 6,25 | 5,56 | 5,04 | 4,32 | 2,69 |

### Constant Power Discharge - Watts per cell @ 25°C

| V/Cell | 5m | 10m | 15m | 20m | 25m | 30m  | 35m  | 40m  | 45m  | 50m  | 55m  | 60m  | 90m  | 2h   | 3h   | 4h   | 5h   | 6h   | 7h   | 8h   | 9h   | 10h  | 12h  | 20h  |
|--------|----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1,80   | /  | 147 | 127 | 113 | 103 | 93,4 | 86,1 | 79,1 | 74,1 | 69,6 | 65,9 | 61,7 | 46,8 | 37,0 | 27,0 | 21,5 | 17,9 | 15,6 | 13,5 | 12,0 | 10,8 | 9,79 | 8,48 | 5,36 |
| 1,75   | /  | 158 | 135 | 119 | 108 | 97,9 | 89,7 | 83,4 | 76,9 | 72,0 | 68,0 | 63,5 | 47,4 | 37,5 | 27,4 | 21,8 | 18,1 | 15,7 | 13,6 | 12,1 | 10,9 | 9,87 | 8,54 | 5,4  |
| 1,70   | /  | 168 | 143 | 125 | 113 | 102  | 93,3 | 86,7 | 79,8 | 74,4 | 70,1 | 65,3 | 48,1 | 37,9 | 27,9 | 22,1 | 18,2 | 15,9 | 13,7 | 12,2 | 11,0 | 9,95 | 8,6  | 5,44 |
| 1,65   | /  | 179 | 151 | 131 | 118 | 107  | 97,2 | 90,1 | 82,7 | 76,8 | 72,2 | 67,1 | 48,7 | 38,4 | 28,2 | 22,4 | 18,4 | 16,0 | 13,8 | 12,3 | 11,1 | 10,0 | 8,66 | 5,48 |
| 1,60   | /  | 190 | 159 | 138 | 123 | 111  | 101  | 93,6 | 85,6 | 79,2 | 74,3 | 69,0 | 49,3 | 38,9 | 28,5 | 22,7 | 18,5 | 16,1 | 13,9 | 12,4 | 11,2 | 10,1 | 8,72 | 5,52 |

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# ESL 100-FTHT

## 12V - 100 Ah



### Electrical Specifications @ 25°C

|                         |               |               |
|-------------------------|---------------|---------------|
| Nominal Voltage         |               | 12 V          |
| Capacity                | C10 / 1,80V   | 100 Ah        |
|                         | C5 / 1,75V    | 86,0 Ah       |
|                         | C3 / 1,70V    | 79,2 Ah       |
|                         | C1 / 1,60V    | 63,5 Ah       |
| Self Discharge @20°C    | per Month     | ≈ 3 %         |
| Resistance              | fully charged | ≈ 6,3 mΩ      |
| Standby use             | +/- 1%        | 2,20-2,30 V   |
| Temp. correction factor | +/- 1%        | -3 mV / °C /c |
| Cyclic use              | +/- 1%        | 2,40-2,45 V   |
| Max. charging current   | +/- 1%        | 30 A          |
| Temp. correction factor |               | -3 mV / °C /c |

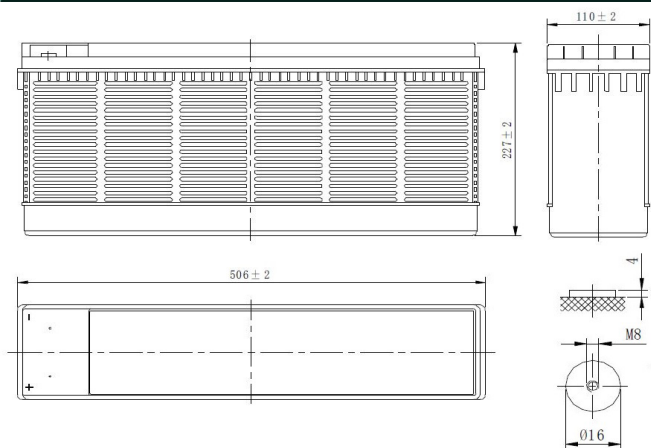
### Other Specifications @ 25°C

|                         |                   |
|-------------------------|-------------------|
| Design Life @35°C       | 12 Years          |
| Dimensions (LxWxH1) ± 3 | 506x110x227 mm    |
| Total Height (H2)       | 227 mm            |
| Operating temp.         | -30 ~ +80 °C      |
| Charge Operation temp   | -10 ~ 70 °C       |
| Container               | ABS               |
| Separator               | Fiberglass        |
| Electrolyte             | Acid              |
| Terminal / Length       | M8 / 16 bold / mm |
| Optional terminal types | —                 |
| Torque setting          | 8 Nm              |
| Weight (±2%)            | 32,5 kg           |

### Innovative Features

- Wide operating temperature range : -30 °C to +80 °C
- Patented anti-corrosion grid technology
- Special Battery separator technology
- Special Containers & lids with thermostability
- Special structure design with compression resistance and impact resistance
- Save 50% cost of air conditioners power consumption
- 100% air conditioner maintenance saving
- 30% CO2 gas emission reduce;
- 100% condensing agent saving, no condensing agent pollution

### Dimensions / Pole settings



### Constant Current Discharge - Ampere @ 25°C

| V/Cell | 5m  | 10m | 15m | 20m | 25m | 30m  | 35m  | 40m  | 45m  | 50m  | 55m  | 60m  | 90m  | 2h   | 3h   | 4h   | 5h   | 6h   | 7h   | 8h   | 9h   | 10h  | 12h  | 20h  |
|--------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1,80   | 196 | 153 | 132 | 115 | 102 | 93,0 | 83,8 | 76,2 | 68,0 | 62,4 | 59,0 | 55,1 | 40,5 | 32,6 | 24,6 | 19,7 | 16,8 | 14,6 | 13,1 | 11,9 | 11,0 | 10,0 | 8,75 | 5,87 |
| 1,75   | 216 | 169 | 143 | 124 | 109 | 97,0 | 87,4 | 80,2 | 71,6 | 65,7 | 61,5 | 57,5 | 42,3 | 34,0 | 25,7 | 20,6 | 17,2 | 15,0 | 13,4 | 12,0 | 11,0 | 10,0 | 8,73 | 6,01 |
| 1,70   | 238 | 186 | 154 | 131 | 114 | 102  | 91,9 | 82,8 | 73,9 | 67,8 | 63,7 | 59,5 | 43,8 | 35,2 | 26,4 | 21,1 | 17,8 | 15,5 | 14,0 | 12,0 | 11,0 | 10,0 | 8,99 | 6,22 |
| 1,65   | 257 | 201 | 165 | 138 | 119 | 106  | 95,5 | 86,0 | 76,4 | 72,0 | 65,8 | 61,5 | 45,2 | 36,4 | 27,1 | 21,7 | 18,1 | 15,7 | 14,1 | 13,0 | 11,0 | 10,1 | 9,05 | 6,33 |
| 1,60   | 279 | 218 | 186 | 151 | 127 | 110  | 99,1 | 88,3 | 78,8 | 72,3 | 67,9 | 63,5 | 46,7 | 37,6 | 27,8 | 22,2 | 18,5 | 16,1 | 14,5 | 13,1 | 12,1 | 10,1 | 9,64 | 6,47 |

### Constant Power Discharge - Watt @ 25°C

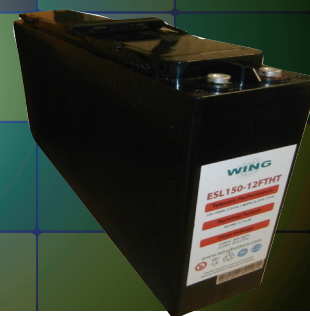
| V/Cell | 5m  | 10m | 15m | 20m | 25m | 30m | 35m | 40m | 45m | 50m | 55m | 60m | 90m  | 2h   | 3h   | 4h   | 5h   | 6h   | 7h   | 8h   | 9h   | 10h  | 12h  | 20h  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| 1,80   | 370 | 294 | 254 | 224 | 197 | 170 | 153 | 141 | 128 | 119 | 110 | 103 | 78,3 | 62,3 | 47,8 | 40,2 | 34,6 | 31,1 | 28,4 | 26,0 | 23,9 | 22,1 | 19,4 | 14,2 |
| 1,75   | 398 | 316 | 270 | 238 | 211 | 182 | 164 | 147 | 134 | 125 | 118 | 110 | 80,3 | 63,1 | 49,1 | 41,2 | 35,5 | 32,0 | 29,1 | 26,6 | 24,5 | 22,7 | 19,9 | 14,6 |
| 1,70   | 425 | 337 | 286 | 252 | 226 | 195 | 176 | 154 | 140 | 130 | 123 | 115 | 84,0 | 66,4 | 50,1 | 42,1 | 35,8 | 32,2 | 29,4 | 26,9 | 24,7 | 22,9 | 20,0 | 14,7 |
| 1,65   | 451 | 358 | 303 | 267 | 231 | 199 | 179 | 158 | 144 | 134 | 125 | 117 | 85,4 | 68,1 | 51,2 | 43,0 | 36,1 | 32,5 | 29,6 | 27,1 | 24,9 | 23,1 | 20,2 | 14,8 |
| 1,60   | 479 | 380 | 319 | 281 | 239 | 206 | 185 | 165 | 150 | 140 | 129 | 121 | 88,3 | 70,1 | 52,3 | 43,9 | 36,5 | 32,9 | 29,9 | 27,4 | 25,2 | 23,4 | 20,4 | 15,0 |

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# ESL 150-FTHT

## 12V - 150 Ah



### Electrical Specifications @ 25°C

|                         |               |                |
|-------------------------|---------------|----------------|
| Nominal Voltage         |               | 12 V           |
| Capacity                | C10 / 1,80V   | 150 Ah         |
|                         | C5 / 1,75V    | 142 Ah         |
|                         | C3 / 1,70V    | 135 Ah         |
|                         | C1 / 1,60V    | 111 Ah         |
| Self Discharge @20°C    | per Month     | ≈ 3 %          |
| Resistance              | fully charged | ≈ 4,5 mΩ       |
| Standby use             | +/- 1%        | 2,20-2,30 V    |
| Temp. correction factor | +/- 1%        | -3 mV / °C / c |
| Cyclic use              | +/- 1%        | 2,40-2,45 V    |
| Max. charging current   | +/- 1%        | 45 A           |
| Temp. correction factor |               | -3 mV / °C / c |

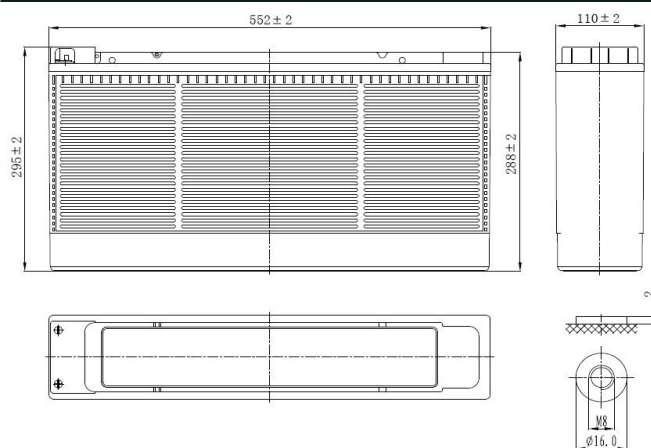
### Other Specifications @ 25°C

|                         |                   |
|-------------------------|-------------------|
| Design Life @35°C       | 12 Years          |
| Dimensions (LxWxH1) ± 3 | 552x110x295 mm    |
| Total Height (H2)       | 295 mm            |
| Operating temp.         | -30 ~ +80 °C      |
| Charge Operation temp   | -10 ~ 70 °C       |
| Container               | ABS               |
| Separator               | Fiberglass        |
| Electrolyte             | Acid              |
| Terminal / Length       | M8 / 16 bold / mm |
| Optional terminal types | —                 |
| Torque setting          | ± 12.4 Nm         |
| Weight (±2%)            | 48,8 kg           |

### Innovative Features

- Wide operating temperature range : -30 °C to +80 °C
- Patented anti-corrosion grid technology
- Special Battery separator technology
- Special Containers & lids with thermostability
- Special structure design with compression resistance and impact resistance
- Save 50% cost of air conditioners power consumption
- 100% air conditioner maintenance saving
- 30% CO2 gas emission reduce;
- 100% condensing agent saving, no condensing agent pollution

### Dimensions / Pole settings



### Constant Current Discharge - Ampere @ 25°C

| V/Cell | 5m  | 10m | 15m | 20m | 25m | 30m | 35m | 40m | 45m | 50m | 55m | 60m  | 90m  | 2h   | 3h   | 4h   | 5h   | 6h   | 7h   | 8h   | 9h   | 10h  | 12h  | 20h  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1,80   | 242 | 210 | 195 | 177 | 164 | 149 | 139 | 130 | 120 | 113 | 106 | 99,9 | 73,9 | 59,9 | 43,4 | 34,0 | 27,8 | 23,9 | 20,8 | 18,4 | 16,6 | 15,0 | 12,6 | 7,80 |
| 1,75   | 270 | 235 | 214 | 195 | 173 | 157 | 146 | 135 | 125 | 118 | 109 | 103  | 76,2 | 61,8 | 44,4 | 34,8 | 28,4 | 24,3 | 21,1 | 18,6 | 16,8 | 15,1 | 12,7 | 7,85 |
| 1,70   | 299 | 260 | 233 | 206 | 185 | 164 | 153 | 139 | 129 | 121 | 112 | 106  | 78,4 | 63,6 | 45,3 | 35,6 | 29,0 | 24,7 | 21,4 | 18,8 | 16,9 | 15,2 | 12,8 | 7,90 |
| 1,65   | 328 | 285 | 252 | 219 | 193 | 171 | 159 | 144 | 133 | 125 | 116 | 109  | 80,7 | 65,4 | 46,2 | 36,3 | 29,6 | 25,0 | 21,6 | 19,0 | 17,0 | 15,3 | 12,9 | 7,96 |
| 1,60   | 357 | 310 | 270 | 235 | 203 | 178 | 161 | 148 | 137 | 129 | 118 | 111  | 82,1 | 66,6 | 47,1 | 37,1 | 30,2 | 25,3 | 21,8 | 19,2 | 17,1 | 15,4 | 12,9 | 8,01 |

### Constant Power Discharge - Watt @ 25°C

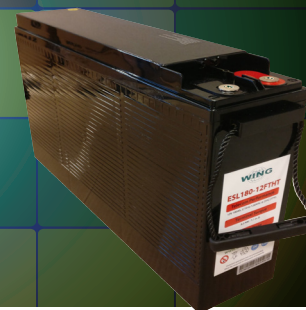
| V/Cell | 5m  | 10m | 15m | 20m | 25m | 30m | 35m | 40m | 45m | 50m | 55m | 60m | 90m | 2h  | 3h   | 4h   | 5h   | 6h   | 7h   | 8h   | 9h   | 10h  | 12h  | 20h  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1,80   | 504 | 420 | 381 | 343 | 311 | 273 | 248 | 232 | 215 | 202 | 192 | 181 | 139 | 113 | 84,3 | 66,8 | 55,3 | 47,3 | 41,6 | 37,1 | 33,2 | 33,1 | 25,2 | 15,7 |
| 1,75   | 528 | 440 | 394 | 355 | 319 | 280 | 255 | 237 | 219 | 205 | 195 | 184 | 141 | 115 | 85,3 | 67,6 | 55,9 | 47,9 | 42,1 | 37,5 | 33,6 | 30,4 | 25,5 | 15,9 |
| 1,70   | 552 | 460 | 407 | 366 | 326 | 286 | 260 | 241 | 223 | 208 | 198 | 186 | 143 | 116 | 86,3 | 68,4 | 56,5 | 48,5 | 42,5 | 37,9 | 34,0 | 30,7 | 25,7 | 16,0 |
| 1,65   | 575 | 479 | 420 | 378 | 333 | 292 | 266 | 245 | 227 | 211 | 200 | 188 | 145 | 117 | 87,2 | 69,2 | 57,1 | 49,0 | 42,9 | 38,3 | 34,3 | 31,0 | 26,0 | 16,2 |
| 1,60   | 598 | 498 | 432 | 389 | 340 | 298 | 271 | 248 | 230 | 214 | 202 | 190 | 146 | 118 | 88,1 | 69,9 | 57,6 | 49,5 | 43,3 | 38,6 | 34,6 | 31,3 | 26,2 | 16,4 |

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# ESL 180-FTHT

## 12V - 180 Ah



### Electrical Specifications @ 25°C

|                         |               |                |
|-------------------------|---------------|----------------|
| Nominal Voltage         |               | 12 V           |
| Capacity                | C10 / 1,80V   | 180 Ah         |
|                         | C5 / 1,75V    | 161,5 Ah       |
|                         | C3 / 1,70V    | 148,5 Ah       |
|                         | C1 / 1,60V    | 118 Ah         |
| Self Discharge @20°C    | per Month     | ≈ 3 %          |
| Resistance              | fully charged | ≈ 4 mΩ         |
| Standby use             | +/- 1%        | 2,20-2,30 V    |
| Temp. correction factor | +/- 1%        | -3 mV / °C / c |
| Cyclic use              | +/- 1%        | 2,40-2,45 V    |
| Max. charging current   | +/- 1%        | 54 A           |
| Temp. correction factor |               | -3 mV / °C / c |

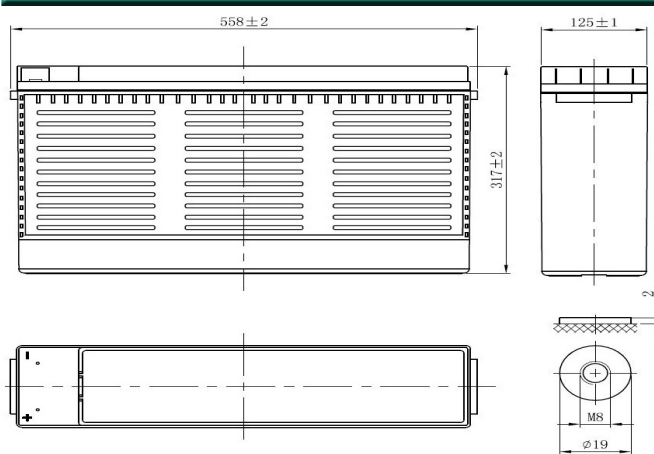
### Other Specifications @ 25°C

|                         |                   |
|-------------------------|-------------------|
| Design Life @35°C       | 12 Years          |
| Dimensions (LxWxH1) ± 3 | 558x125x317 mm    |
| Total Height (H2)       | 317 mm            |
| Operating temp.         | -30 ~ +80 °C      |
| Charge Operation temp   | -10 ~ 70 °C       |
| Container               | ABS               |
| Separator               | Fiberglass        |
| Electrolyte             | Acid              |
| Terminal / Length       | M8 / 16 bold / mm |
| Optional terminal types | -                 |
| Torque setting          | 8 Nm              |
| Weight (±2%)            | 58,5 kg           |

### Innovative Features

- Wide operating temperature range : -30 °C to +80 °C
- Patented anti-corrosion grid technology
- Special Battery separator technology
- Special Containers & lids with thermostability
- Special structure design with compression resistance and impact resistance
- Save 50% cost of air conditioners power consumption
- 100% air conditioner maintenance saving
- 30% CO2 gas emission reduce;
- 100% condensing agent saving, no condensing agent pollution

### Dimensions / Pole settings



### Constant Current Discharge - Ampere @ 25°C

| V/Cell | 5m  | 10m | 15m | 20m | 25m | 30m | 35m | 40m | 45m | 50m | 55m | 60m | 90m  | 2h   | 3h   | 4h   | 5h   | 6h   | 7h   | 8h   | 9h   | 10h  | 12h  | 20h  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| 1,80   | 308 | 261 | 238 | 217 | 195 | 176 | 162 | 149 | 135 | 124 | 118 | 109 | 82,8 | 66,5 | 48,0 | 38,4 | 32,1 | 27,6 | 24,4 | 22,0 | 20,0 | 18,0 | 15,5 | 9,72 |
| 1,75   | 336 | 285 | 254 | 226 | 201 | 181 | 166 | 150 | 138 | 127 | 120 | 111 | 84,4 | 67,7 | 48,8 | 39,0 | 32,3 | 27,8 | 24,5 | 22,1 | 20,1 | 18,1 | 15,6 | 9,77 |
| 1,70   | 363 | 308 | 269 | 237 | 208 | 187 | 168 | 153 | 140 | 129 | 123 | 114 | 86,6 | 69,5 | 49,5 | 39,6 | 32,6 | 28,0 | 24,8 | 22,2 | 20,2 | 18,2 | 15,7 | 9,83 |
| 1,65   | 392 | 332 | 285 | 251 | 217 | 192 | 173 | 156 | 143 | 132 | 125 | 116 | 88,2 | 70,8 | 50,3 | 40,2 | 32,8 | 28,2 | 24,9 | 22,3 | 20,3 | 18,3 | 15,7 | 9,88 |
| 1,60   | 419 | 355 | 300 | 258 | 223 | 197 | 177 | 158 | 145 | 133 | 127 | 118 | 89,7 | 72,0 | 51,0 | 40,8 | 33,0 | 28,4 | 25,1 | 22,4 | 20,4 | 18,4 | 15,8 | 9,94 |

### Constant Power Discharge - Watt @ 25°C

| V/Cell | 5m  | 10m | 15m | 20m | 25m | 30m | 35m | 40m | 45m | 50m | 55m | 60m | 90m | 2h  | 3h   | 4h   | 5h   | 6h   | 7h   | 8h   | 9h   | 10h  | 12h  | 20h  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1,80   | 595 | 492 | 435 | 392 | 356 | 318 | 289 | 269 | 251 | 231 | 220 | 208 | 154 | 125 | 94,0 | 74,3 | 62,0 | 53,3 | 47,1 | 42,2 | 37,8 | 34,7 | 30,4 | 19,8 |
| 1,75   | 626 | 517 | 458 | 412 | 367 | 328 | 298 | 275 | 257 | 236 | 225 | 212 | 157 | 127 | 95,0 | 75,1 | 62,5 | 53,8 | 47,5 | 42,5 | 38,1 | 35,0 | 30,6 | 20,0 |
| 1,70   | 655 | 541 | 480 | 432 | 380 | 339 | 308 | 280 | 262 | 241 | 230 | 217 | 161 | 130 | 96,0 | 75,8 | 63,1 | 54,3 | 48,0 | 42,9 | 38,5 | 35,3 | 30,9 | 20,2 |
| 1,65   | 685 | 566 | 503 | 453 | 391 | 349 | 318 | 287 | 268 | 247 | 234 | 221 | 164 | 132 | 97,0 | 76,6 | 63,6 | 54,7 | 48,3 | 43,2 | 38,8 | 35,6 | 31,2 | 20,4 |
| 1,60   | 714 | 590 | 525 | 473 | 403 | 360 | 328 | 293 | 274 | 252 | 239 | 225 | 167 | 134 | 98,0 | 77,4 | 64,1 | 55,1 | 48,7 | 43,6 | 39,1 | 35,9 | 31,4 | 20,5 |

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