

# THE ULTRAPOWER PRO FLOODED BATTERY

## 12 VOLT-931S



|          |                       |
|----------|-----------------------|
| CCA      | 950                   |
| MATERIAL | Polypropylene         |
| BATTERY  | Wet Lead-Acid Battery |
| COLOR    | Black                 |
| ITEM#    | 931S                  |

### Electrical Specifications

|                               |      |
|-------------------------------|------|
| Voltage                       | 12   |
| Cell(s)                       | 6    |
| Capacity <sup>A</sup> Minutes | 190  |
| Cold Cranking Amps            | 950  |
| Cranking Amps                 | 1150 |

### Physical Specifications

|                                        |                  |             |                     |
|----------------------------------------|------------------|-------------|---------------------|
| BCI                                    | 31               |             |                     |
| Model                                  | 931S             |             |                     |
| Terminal Type <sup>C</sup>             | 3/8 Stud         |             |                     |
| Dimensions <sup>D</sup><br>inches (mm) | Length           | Width       | Height <sup>E</sup> |
|                                        | 13.00 (330)      | 6 3/4 (171) | 9 1/2 (241)         |
| Weight <sup>F</sup><br>lbs (kg)        | 56 Lbs           |             |                     |
| Handle                                 | -                |             |                     |
| Installation Orientation               | Vertical/Upright |             |                     |

### Charging Instructions

| Charger Voltage Settings (At 77°F/25°C)                                                                                                                                       |      |       |       |       |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|
| System Voltage                                                                                                                                                                | 6V   | 12V   | 24V   | 36V   | 48V   |
| Bulk Charge                                                                                                                                                                   | 7.41 | 14.82 | 29.64 | 44.46 | 59.28 |
| Float Charge                                                                                                                                                                  | 6.75 | 13.5  | 27    | 40.5  | 54    |
| Equalize Charge                                                                                                                                                               | 8.1  | 16.2  | 32.4  | 48.6  | 64.8  |
| Do not install or charge batteries in a sealed or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any batter. |      |       |       |       |       |

### Charging Temperature Compensation

| Add                                                                                           | Subtract                                                                                      |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 0.005 volt per cell for every 1°C below 25°C<br>0.0028 volt per cell for every 1°F below 77°F | 0.005 volt per cell for every 1°C above 25°C<br>0.0028 volt per cell for every 1°F above 77°F |

### Operational Data

| Operating Temperature                                                                                            | Self Discharge                                                 |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| -4°F to 113°F (-20°C to +45°C).<br>At temperatures below 32°F (0°C) maintain a state of charge greater than 60%. | 5 - 15% per month depending on storage temperature conditions. |