

MODEL **SSIG 12 95**
 VOLTAGE **12**
 CAPACITY **95Ah @ 100Hr**
 MATERIAL **Polypropylene**
 BATTERY **Deep-Cycle Flooded/Advanced Lead Acid Battery**
 COLOR **Maroon**
 WATERING **No Watering System Available**



WITH T₂ TECHNOLOGY



12 VOLT

PHYSICAL SPECIFICATIONS

| MODEL NAME | TERMINAL TYPE ^D | DIMENSIONS ^B INCHES (mm) | | | WEIGHT ^E LBS. (kg) | HYDROLINK OR SPWK | HANDLES |
|------------|----------------------------|-------------------------------------|------------|---------------------|-------------------------------|-------------------|----------------|
| | | LENGTH | WIDTH | HEIGHT ^C | | | |
| SSIG 12 95 | 7 | 10.92 (277) | 6.62 (168) | 9.25 (235) | 47 (21) | N/A | Molded Plastic |
| | | | | | | | |

ELECTRICAL SPECIFICATIONS

| VOLTAGE | CAPACITY ^A AMP-HOURS (Ah) | | | | | ENERGY (kWh) |
|---------|--------------------------------------|-------|-------|-------|--------|--------------|
| | 10-Hr | 20-Hr | 48-Hr | 72-Hr | 100-Hr | |
| 12 | 79 | 87 | 88 | 92 | 95 | 1.14 |

CHARGING INSTRUCTIONS

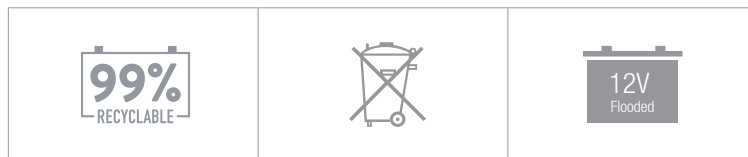
| CHARGER VOLTAGE SETTINGS (AT 77°F/25°C) | | | |
|---|-------|-------|-------|
| SYSTEM VOLTAGE | 12V | 24V | 48V |
| Maximum Charge Current (% of C ₂₀ Rate)* | 13% | | |
| Maximum Absorption Phase Time (hours) | 4 | | |
| Absorption Voltage ** | 14.70 | 29.40 | 58.80 |
| Float Voltage | 13.50 | 27.00 | 54.00 |
| Equalization Voltage | 16.20 | 32.40 | 64.80 |

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 battery.

*If charging time is limited contact Trojan Technical Support for assistance.

**In cases where controller has a bulk voltage setting, use absorption voltage setting above.

RECYCLE RESPONSIBLY



CHARGING TEMPERATURE COMPENSATION

| ADD | SUBTRACT |
|---|---|
| 0.005 volt per cell for every 1°C below 25°C 0.0028 volt per cell for every 1°F below 77°F | 0.005 volt per cell for every 1°C above 25°C 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). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%. | 5 – 15% per month depending on storage temperature conditions. |

STATE OF CHARGE MEASURE OF OPEN-CIRCUIT VOLTAGE

| PERCENTAGE CHARGE | SPECIFIC GRAVITY | CELL | 12 VOLT |
|-------------------|------------------|-------|---------|
| 100 | 1.277 | 2.122 | 12.73 |
| 90 | 1.258 | 2.103 | 12.62 |
| 80 | 1.238 | 2.083 | 12.50 |
| 70 | 1.217 | 2.062 | 12.37 |
| 60 | 1.195 | 2.040 | 12.24 |
| 50 | 1.172 | 2.017 | 12.10 |
| 40 | 1.148 | 1.993 | 11.96 |
| 30 | 1.124 | 1.969 | 11.81 |
| 20 | 1.098 | 1.943 | 11.66 |
| 10 | 1.073 | 1.918 | 11.51 |