

Appendix B – Data Sheets

1.

7 Amp Charge Controller - Maintenance free protection for your batteries and solar panels.

A Solar Charge controller regulates the voltage and current or amperage coming from the solar panels going to the battery and prevents the solar panel from overcharging the battery. It also prevents reverse currents to panels during the night and regulates the voltage that comes from the solar panel which can vary with the sun conditions. A Solar Charge Controller is needed when you have 15 Watts of solar energy or more, and is recommended at 10 Watts.

Product Details

- Protects Battery from Overcharge and Discharge
- For Use with 12 Volt Solar Panels and Batteries Only
- Handles up to 7 Amps of Array Current
- Handles up to 105 Watts of Solar Power
- Maintenance Free Protection of Your Solar Panel and Batteries
- Maintains Battery Voltage
- Maintain 12V Batteries in a Fully Charged State
- Dimensions: (L x W x H) 7 5/8" x 4 5/8" x 2 1/4"
- Weight: 0.35 lbs

Operation:

- Charging Light Indicates Battery Charging
- Green Light Indicates Full Battery

Installation:

- Connect the Solar Panel Terminals to the Solar Controller Terminals
- Connect the Solar Controller 0-Rings to the Battery Terminals

2.

<i>Everstart U1R-7 Lawn & Garden Battery -12V</i>	
Voltage	12 V
Chemistry	Lead Acid
Length	8.25 inches
Width	5.19 inches
Height	7.19 inches

3. Eccotemp 03526-14A Flojet 2.9 GPM 50 PSI Water Pump

- Self-Priming
- Soft, Noise Absorbing Mounts
- Can safely run dry
- Snap-in 1/2" Port Fittings
- Made of Corrosion Resistant Materials
- 2.6 pounds
- 9.1 x 4.3 x 4.2 inches
- 12V

4. Solar Lamp

Service Information
Regio-informatie
Notice d'accompagnement
Carte d'accompagnement
Ficha de identificación
Ficha de identificação

Lamp Model:
Lampen-typ
Type de lampe
Tipo di lampada
Tipo de lámpada
Tipo de lampara

LTI Serial No:
Lampen-Nr.
Lampe No.
Lampada No.
Lampada No.
Lampara No.

Xenon Short Arc Lamp

For warranty claims, please
contact the company you
purchased this lamp from
LTIX-2500W-HEHS
0-236-587

Operating Voltage (V):
Betriebsspannung (V)
Tension de fonctionnement (V)
Tensione di funzionamento (V)
Tensão de funcionamento (V)
Tensión de funcionamiento (V)
28

Ignition Voltage (kV):
Zündspannung (kV)
Tension d'allumage (kV)
Tensione d'innesco (kV)
Tensão de ignição (kV)
Tensión de encendido (kV)
36

Rated Lamp Current DC (A):
Lampen-Nennstrom DC (A)
Courant nominal de lampe DC (A)
Corrente nominale di lampada DC (A)
Corrente nominal de lámpada DC (A)
Corrente nominal da lâmpada DC (A)
90

Current Control Range DC (A):
Stromsteuerbereich DC (A)
Plage de réglage du courant DC (A)
Campo di regolazione della corrente (corrente continua) DC (A)
Campo de regulagem da corrente DC (A)
Campo de regulación de corriente DC (A)
70-100

Minimum Open Circuit Voltage (cold/hot) (V):
Mindest-Lichtlauf-Spannung (kalt/hot) (V)
Tension minimale de marche à vide (froid/hot) (V)
Tensione a vuoto minimo (a freddo/a caldo) (V)
voltagem mínima de Circuito Aberto (frio/quente) (V)
Tensión del servicio vacío mínimo (frío/caliente) (V)
70/80

Minimum Cooling Air Flow (ft./s):
Mindestluftstrom (ft./s)
Courant minimum de l'air de refroidissement (ft./s)
Corrente d'aria di raffreddamento minima (ft./s)
Flujo de ar frio mínimo (ft./s)
Corrente de aire frío mínimo (ft./s)
20

Operating Position:
Brennlage
Position de fonctionnement
Posizione di funzionamento
Posição de funcionamento
Posición de quemado

Magnetic Arc Stabilization:
Magnetische Bogenstabilisierung
Stabilisation magnétique de l'arc
Stabilizzazione magnetica dell'arco
Estabilização magnética do arco
Estabilización magnética del arco

Average Lamp Life (h):
Mittlere Lebensdauer (h)
Durée de vie moyenne (h)
Durata media (ore)
Vida media (h)

Vertical: ± 30 degrees
Horizontal: ± 30 degrees

Vertical: Not Required
Horizontal: Not Required

Vertical: 1500 hours
Horizontal: 1200 hours

