

- Long-term deployment solutions
- Sealed lead-acid batteries
- Integrated solar panel kits
- Earth grounding kits
- Weatherproof construction

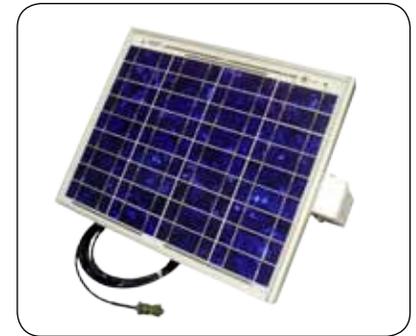
Each iSIC data logger includes a built-in 8.5 amp-hour sealed lead acid battery. The **A01** battery fits securely in the iSIC enclosure and provides 12 volt power to the system. Absorbent Glass Mat (AGM) technology provides superior performance for long-term deployments, and the battery can be continuously charged using AC or solar power. If a field application includes additional sensors or other high-power requirements, the 26 amp-hour **A03** battery is recommended. Furthermore, the **A09** 55 amp-hour battery utilizes special technology to provide increased field performance and offers extended power for the most demanding applications.

For most monitoring systems deployed in remote areas, the **A22** 20-watt solar power kit provides ample power. These kits offer a continuous charge to iSIC batteries and are rugged enough to survive the most extreme conditions. 10-watt kits are available for low-power data logging applications. The **A23** 30-watt solar power kits are designed for systems with high power demand or environments prone to low-sunlight exposure. When AC power is available, the **A11** battery charger is the optimal solution. This 800 mA float charger delivers a constant 2.25 to 2.3 volts per cell which allows the battery to remain fully charged. A weatherproof deep outlet cover is available to protect the float charger for outdoor AC operated systems.

Electrical grounding is a commonly misunderstood and improperly implemented component of environmental monitoring systems. Systems that do not use electrical grounding components can experience either complete system failures or continuous intermittent and hard to diagnose problems. The **A38** ground kit allows for earth-grounding of iSIC data loggers and gas discharge lightning protection devices. This kit features copper wire that attaches securely to grounding lugs preinstalled on the iSIC data logger. For blank applications, the **A38-P** pipe attachment ground kit provides the option to ground monitoring systems to existing grounded structures.

### contents

<b>A01 - 8.5 A-Hr Battery</b>
(1) Battery, 12 VDC, 8.5 A-Hr
<b>A03 - 26 A-Hr Battery</b>
(1) Battery, 12 VDC, 26 A-Hr
<b>A09 - 55 A-Hr Battery</b>
(1) Battery, 12 VDC, 55 A-Hr
<b>A21 - 10-Watt Solar Power Kit</b>
(1) 10-watt solar panel (1) Integral charge regulator (1) Adjustable mounting bracket (1) 15' length of solar cable with MS 2-pin connector
<b>A22 - 20-Watt Solar Power Kit</b>
(1) 20-watt solar panel (1) Integral charge regulator (1) Adjustable aluminum mounting bracket (1) 15' length of solar cable with MS 2-pin connector
<b>A23 - 30-Watt Solar Power Kit</b>
(1) 30-watt solar panel (1) Integral charge regulator (1) Adjustable mounting bracket (1) 15' length of solar cable with MS 2-pin connector
<b>A11 - 800 mA Battery Charger</b>
(1) 12V 800mA float charger (1) 12' length of pre-wired cable with MS2 connector for connection to iSIC data logger
<b>A15 - Deep outlet cover</b>
(1) Deep outlet cover for A11
<b>A38 - Ground Kit</b>
(1) 4' length of 5/8" copper plated ground rod (1) 8' length of 8 AWG copper wire (1) 5/8" ground rod clamp
<b>A38-P - Pipe Attachment Ground Kit</b>
(1) 15' of 10 AWG insulated copper cable (1) Ground pipe clamp, fits 3/4" - 1 1/4" OD pipes



### parts list

Part #	Description
A01	Battery, 12 VDC, 8.5 A-Hr
A03	Battery, 12 VDC, 26 A-Hr
A09	Battery, 12 VDC, 55 A-Hr
A21	10-watt solar power kit for iSIC data loggers, 15' cable
A22	20-watt solar power kit for iSIC data loggers, 15' cable
A23	30-watt solar power kit for iSIC data loggers, 15' cable
A11	MS2 to AC float charger kit for iSIC data loggers, 12' cable
A15	Deep outlet cover
A38	Ground Kit
A38-P	Ground kit, pipe attachment



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