

<p><b>4.1 Switch On / Off</b> 1. Switch on: press On/Off button to switch on the battery, then the battery will do self-inspection before enable output. The LCD will show the SOC. 2. Switch off: press and hold On/Off button for 10s, the battery will shut down directly. Description for Communication port</p> <table border="1" data-bbox="185 347 777 678"> <thead> <tr> <th>Picture</th> <th>PIN</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>1</td> <td>Trigger-GND</td> </tr> <tr> <td></td> <td>2</td> <td>Trigger-VCC</td> </tr> <tr> <td></td> <td>3</td> <td>CANL-PCS</td> </tr> <tr> <td></td> <td>4</td> <td>CANH-PCS</td> </tr> <tr> <td></td> <td>5</td> <td>RS485-B</td> </tr> <tr> <td></td> <td>6</td> <td>RS485-A</td> </tr> <tr> <td></td> <td>7</td> <td>CANL</td> </tr> <tr> <td></td> <td>8</td> <td>CANH</td> </tr> </tbody> </table> <p><b>4.2 LCD Display Icons</b></p> <table border="1" data-bbox="185 730 777 1617"> <thead> <tr> <th>Icon</th> <th>Function description</th> </tr> </thead> <tbody> <tr> <td></td> <td>Indicates battery voltage.</td> </tr> <tr> <td></td> <td>Indicates battery current or watt. 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EMERGENCY SITUATIONS</b> Felicity cannot guarantee battery absolute safety.</p> <p><b>5.1 Fire</b> In case of fires, make sure that the following equipment is available near the system:  <ul style="list-style-type: none"> <li>SCBA (self-contained breathing apparatus) and protective gear in compliance with the Directive on Personal Protective Equipment 89/686/EEC.</li> <li>NOVEC 1230, FM-200, or dioxide extinguisher</li> </ul>     Batteries may explode when heated above 150°C. KEEP FAR AWAY from the battery if it catches fire.</p> <p><b>5.2 Leaking Batteries</b> If the battery pack leaks electrolyte, avoid contact with the leaking liquid or gas. If one is exposed to the leaked substance, immediately perform the actions described below.  <ul style="list-style-type: none"> <li>Inhalation: Evacuate the contaminated area, and seek medical attention.</li> <li>Contact with eyes: Rinse eyes with running water for 5 minutes, and seek medical attention.</li> <li>Contact with skin: Wash the affected area thoroughly with soap and water, and seek medical attention.</li> <li>Ingestion: Induce vomiting, and seek medical attention.</li> </ul> </p> <p><b>5.3 Wet Batteries</b> If the battery pack is wet or submerged in water, do not let people access it, and contact your supplier for help.</p> <p><b>5.4 Damaged Batteries</b> Damaged batteries are not fit for use and are dangerous and must be handled with the utmost care. It may leak electrolyte or produce flammable gas. If the battery pack seems to be damaged, pack it in its original container, and then return it to your supplier.</p> <p><b>5.5 Warranty</b> Products that are operated strictly in accordance with the user manual are covered by the warranty. Any violation of this manual may void the warranty. Limitation of Liability Any product damage or property loss caused by the following conditions, Felicity does not assume any direct or indirect liability.  <ul style="list-style-type: none"> <li>Product modified, design changed or parts replaced.</li> <li>Changed, or attempted repairs and erasing of series number or seals;</li> <li>System design and installation are not in compliance with standards and regulations;</li> <li>The product has been improperly stored in end user's premises;</li> <li>Transport damage (including painting scratch caused by movement inside packaging during shipping). A claim should be made directly to shipping or insurance company.</li> </ul> </p>	<p><b>Felicity solar®</b> Make life full of hope</p> <h2>USER MANUAL</h2> <p>LiFePO4 Battery System for Households</p>  <p>In order to prevent improper operation before use, please carefully read this manual.</p> <p>358-010406-00</p>
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<p><b>1.ABOUT THIS MANUAL</b></p> <p><b>1.1 Purpose</b> This manual describes the introduction, installation, operation and emergency situations of the battery bank. Please read this manual carefully before installations and operations. Keep this manual for future reference.</p> <p><b>1.2 Scope</b> This manual provides safety and installation guidelines as well as information on tools and wiring.</p> <p><b>1.3 Safety Instructions</b> <b>WARNING:</b> This chapter contains important safety and operating instructions. Read and keep this manual for future reference.</p> <ol style="list-style-type: none"> <li>Before using the unit, read all instructions and cautionary markings on the unit, the batteries and all appropriate sections of this manual.</li> <li><b>CAUTION</b> --- To reduce risk of injury/damage, even burst, please use it following using manual. In case of causing personal</li> <li>Do not disassemble the battery. Take it to a qualified service center when service or repair is required. Incorrect re-assembly may result in a risk of fire.</li> <li>To reduce risk of electric shock, disconnect all wirings before attempting any maintenance or cleaning. Turning off the unit will not reduce this risk.</li> <li><b>CAUTION</b> --- Only qualified personnel can install this device with inverter.</li> <li>For optimum operation of this battery, please follow required spec to select appropriate cable size.</li> <li>Be very cautious when working with metal tools on or around batteries. A potential risk exists to drop a tool to spark or short circuit batteries or other electrical parts and could cause an explosion or fire.</li> <li>Please strictly follow installation procedure.</li> <li>To support full output load, at least 2 sets of FLA12V for inverter larger than 1.5KVA in parallel connection.</li> <li><b>GROUNDING INSTRUCTIONS</b> - This System should be connected to a permanent grounded wiring system. Be sure to comply with local requirements.</li> <li>NEVER cause AC output and DC input short circuited. Do not connect to the mains when DC input short circuits.</li> <li>Warning!! Only qualified service persons are able to service this device.</li> <li>Battery should be installed indoor and kept away from water, high temperature mechanical force and flames.</li> <li>Do not install the battery in any environment of temperature</li></ol>
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