

Battery Charging

- Charge battery pack fully before first use to ensure optimum performance.
- Full battery capacity will be achieved after 2 to 3 full charge / discharge cycles.
- Use only SKC approved charger designated for this battery pack. Use of a non-SKC approved charger may impair battery performance or even cause irreparable damage, and will invalidate the battery pack warranty.

Battery Performance

- Charging temperature - NiCd batteries can be charged between 0 and +40°C, but for optimum battery performance the range +10 to +30°C is recommended.
- Do not overcharge - It is acceptable to leave NiCd batteries on trickle charge, however if the battery pack is to be unused for an extended period refer to Battery Maintenance below for instructions.
- Discharge temperature - For optimum performance discharge NiCd batteries between -20 and +45°C (refer also to pump documentation for other limitations on operating temperature for intrinsically safe applications).

Battery Maintenance

- Battery cycling during regular use - To maintain optimum capacity during regular battery use, cycle battery once a month. Run pump until low battery shutdown occurs, then fully charge battery.
- Long term storage and highly infrequent use -
 1. Charge battery fully prior to long term storage.
 2. Store in a cool, dry place at temperature between 0 and 30°C.
 3. Recharge battery at least once a year (or more frequently if stored at temperature above 30°C).
 4. Cycle battery 2 to 3 times after long term storage to restore optimum capacity.

Battery Testing

1. Connect SKC approved charger to battery pack. If charger indicator LED illuminates, battery pack charger input is ok. If charger LED does not illuminate, battery pack input fuse is blown - Replace battery pack.
2. Leave battery pack connected to charger to fully charge.
3. If pump does not function at all after full charge of battery pack, battery pack output fuse has blown, or battery cells have failed or are at end of life - Replace battery pack.
4. If pump functions after full charge of battery pack but gives significantly reduced run times before low battery shutdown, battery cells are failing or are at end of life - Replace battery pack.

Battery Disposal

- The EC Battery Directive and equivalent legislation in other countries requires that all batteries and battery packs are disposed of correctly at the end of their working life. This means that they must be collected and treated separately from other waste to ensure that the harmful cadmium they contain does not enter the environment via landfill sites.
- Please ensure that any end-of-life SKC battery packs are collected and recycled or disposed of correctly.

Battery Warranty

- The warranty period for SKC battery packs, when sold as a replacement, is six months from the date of the invoice. During this period the battery pack will be repaired or replaced free of charge, but must be returned to SKC Ltd.
- The warranty does not cover damage to the battery pack caused by misuse, failure to use the equipment in accordance with the manufacturer's instructions and in accordance with industry standards, and the use of a non-SKC approved charger to charge the battery.
- Refer to the manufacturer's Terms and Conditions of Sale for full warranty details.

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