Standard Lithium Ion Battery Pack
CGA-7/102
900mAh

Standard removable Li-ion pack shortens product development time.

Overview
Panasonic has introduced a standard single cell Lithium Ion battery pack with a built-in safety circuits providing a complete Li-ion power solution that is just slightly larger than the actual cell. The Li-ion pack incorporates Panasonic’s high energy density CGA633450 Li-ion prismatic cell with the latest technologies for miniaturized circuit boards and ultra-thin plastic housings.

Features
① Safety circuitry incorporated into the pack.
② Ultra-thin and durable plastic housing allows for a complete pack solution that is only slightly larger than the actual Li-ion cell.
③ A standard external charger is also available.

Applications
Communication *devices, Digital cameras, Portable devices, AV equipment
Specifications

<table>
<thead>
<tr>
<th>Model number</th>
<th>Single cell</th>
<th>Nominal voltage(V)</th>
<th>Average capacity(mAh)</th>
<th>Dimensions(mm)</th>
<th>Weight(g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGA-7/102</td>
<td>CGA633450</td>
<td>3.7</td>
<td>900</td>
<td>Width 35.2 ± 0.3</td>
<td>Height 53.0 ± 0.3</td>
</tr>
</tbody>
</table>

Dimensions

CGA-7/102

Discharge characteristics

CGA-7/102

Warning

- Improper handling may result in battery short circuits, melted insulation, or damage to safety valves and mechanisms, causing batteries to leak, generate heat or rupture. Be sure to observe the following precautions for use.
  - Do not expose the batteries to direct heat or flame.
  - Do not insert the batteries with the positive (+) and negative (-) terminals reversed.
  - The +/− terminals are aligned so the batteries will not work when inserted in the wrong direction. If the batteries do not easily fit into the equipment or charger, check the +/− alignment and do not try to forcibly insert the batteries.
  - Do not directly connect the batteries to electrical outlets or automobile cigarette lighter sockets.
  - Do not connect the positive (+) and negative (-) terminals of the batteries to each other with any metal object. Also, do not store the batteries together with conductive items such as necklaces, paper clips or pins, etc.
  - Do not solder directly to the battery.
  - Do not disassemble or modify the battery. The battery contains safety devices that, if damaged, may cause the battery to generate heat, rupture or ignite.
  - As a safety measure, these batteries contain an internal pressure/gas release valve. Do not damage or deform the positive (+) terminal as it may prevent the proper function of this valve.
  - When charging the batteries, be sure to use only a Panasonic designed charger and observe charging conditions specified by Panasonic.
  - When designing these batteries into a piece of equipment or product, do not design an airtight battery compartment since any pressure or gas venting by the battery may cause the compartment to rupture or swell.
  - If leaked fluid from the battery gets into your eyes do not rub your eyes. Wash the eyes thoroughly with clean water and seek medical care immediately.

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