

Control No.	EDBD 160214-003
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Panasonic

14.Feb.2016

Specification

Product Name : Ni-MH Battery Charger

Model Number : BQ-CC55E ,BQ-CC55U

Receipt Signature

Panasonic Corporation
Automotive & Industrial Systems Company
Energy Device Business Division

Approved	Drawn
M. Shirakawa	Y. Hashimoto

Panasonic Corporation



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1. Model Name/Number 1-1 Model Name 1-2 Model Number	Ni-MH Battery Charger BQ-CC55E, BQ-CC55U																																																										
2. Scope	This product is a battery charger for AA and AAA size Ni-MH batteries. This battery charger can charge up to four AA size and four AAA size. The quick diagnosis is Approx. 3 seconds at charging start selects suitable charging method by battery voltage and temperature.																																																										
3. Applicable Standard	<ul style="list-style-type: none"> · CB (IEC60335-1, IEC60335-2-29) · EMF (EN62233-2008) · CE-EMC, CE-LVD, CE-RoHS · EMC (EN55014-1, -2) (IEC61000-3-2,3) (IEC61000-4-2,3,4,5,6,11) · Panasonic standard PCSS/MIS · Panasonic Group "Chemical Substances Management Rank Guidelines" 																																																										
4. Appearance, Size, etc.	Approx. 68 × 120 × 28 mm (except AC plug)																																																										
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4-2. Mass	Flame retardant of case and PCB material should be UL94V-0 or higher.																																																										
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Electric characteristic	<p>Characteristics are at input AC100V 50Hz, and at ambient temperature of $25 \pm 5^\circ\text{C}$ unless otherwise specified.</p>													
6-1 Input voltage range frequency	<p>Input voltage range : AC 100~240V Input power frequency : 50/60Hz</p>													
6-2 Charging method	<p>At above input conditions, there shall be no abnormalities.</p>													
6-3 Charging current peak value	<p>Multi-Scan charging method Combinations Any combinations of 1~4pieces AA size and 1~4pieces AAA size (Total 4 pieces)</p> <table border="1" data-bbox="523 730 1275 826"> <thead> <tr> <th>Size</th> <th>Rapid Charging current</th> </tr> </thead> <tbody> <tr> <td>AA</td> <td>Max. 3.2 A</td> </tr> <tr> <td>AAA</td> <td>Max. 1.2 A</td> </tr> </tbody> </table>		Size	Rapid Charging current	AA	Max. 3.2 A	AAA	Max. 1.2 A						
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6-5 Charge indication	<p>Following statuses are indicated by 4 pieces LED (dual-color emission). And easily discernible under 300 lx conditions</p> <table border="1" data-bbox="544 1137 1347 1375"> <thead> <tr> <th>Quick Diagnosis</th> <th>Fast Blinking</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Charging</td> <td>① Red On</td> </tr> <tr> <td>② Orange On</td> </tr> <tr> <td>③ Green On</td> </tr> <tr> <td>Charging completion</td> <td>Off</td> </tr> <tr> <td>NG mode</td> <td>④ Red Slow Blinking</td> </tr> <tr> <td>life end</td> <td>⑤ Orange Slow Blinking</td> </tr> </tbody> </table>		Quick Diagnosis	Fast Blinking	Charging	① Red On	② Orange On	③ Green On	Charging completion	Off	NG mode	④ Red Slow Blinking	life end	⑤ Orange Slow Blinking
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7. Operating Temperature Range	<p>Operating Temperature Range : 0 ~ 35°C</p>													
8. Storing Temperature and Humidity Range	<p>Storing Temperature Range : -20 ~ 50°C Storing Humidity Range : 0 ~ 60% RH (These conditions are applied to charger unit and packing materials.)</p>													
9. Country of Origin	<p>China</p>													
10. Efforts for Environment	<p>The unit shall comply with RoHS regulation.</p>													