Honda’s advanced technology supporting low-carbon and comfortable lifestyles.

- **Maximize the use of electricity from solar power generation**
  It is possible to use a maximum of 5.5 kW from electricity generated via solar power.

- **Automatic transfer switch**
  During power outages, autonomous operation mode is automatically activated, supplying electricity from sources such as solar power and EV. Users do not have to touch the switch.

- **Stable Energy Supply**
  Depending on the time and weather during electrical usage, the optimal energy type is automatically selected. Stabilized and efficient energy is always supplied.

- **Easy-to-install Wall Mount Type**
  Adopting a single-phase/phase system even during power outages. It is compatible with both 100 V and 200 V power outlets.

- **Single-phase 3-wire 200 V Compatible**
  By adopting a single-phase/phase system, even during power outages. It is compatible with both 100 V and 200 V power outlets.

- **Quiet design with only Approx. 40 dB(A)**
  Operational noise is subdued, creating a diorama-like quietness.

- **International Standardized CHAdemo Protocol has been adopted**
  CHAdemo, the international standard for DC quick charging of electric vehicles is adopted. By communication between the car and the charger, optimal DC power supply is available for charging and discharging.

- **International standard ECHONET Lite™ has been adopted**
  By adopting Acura’s domestic HEMS standard protocol, it is possible to operate equipment compliant with ECHONET Lite™.

- **Complied with international standard IEC 62999-1**
  Complied with international standards that establish function, safety and other general requirements of utility-interactive bidirectional devices which have 2 or more input ports for distributed power sources such as EV, solar power, and home batteries.

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**Main Specifications**

<table>
<thead>
<tr>
<th>Power Supply Unit</th>
<th>Charge/Discharge Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Output</strong></td>
<td><strong>Max. Battery Charge</strong></td>
</tr>
<tr>
<td>15kW</td>
<td>30 kWh</td>
</tr>
<tr>
<td>10kW</td>
<td>20 kWh</td>
</tr>
<tr>
<td>5kW</td>
<td>10 kWh</td>
</tr>
</tbody>
</table>

**Charge/Discharge Unit**
- **Max. Battery Charge**
- **Max. Battery Discharge**
- **Max. Power Output**
- **Max. Battery Capacity**
- **Max. Battery Discharge Time**
- **Max. Battery Charge Time**

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**Example of products compatible with Honda Power Manager**

<table>
<thead>
<tr>
<th>Model</th>
<th>Fuel Cell Stack</th>
<th>Battery Capacity</th>
<th>Battery Voltage</th>
<th>Motor Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarity Fuel Cell</td>
<td>120 kW</td>
<td>11.8 kWh</td>
<td>311 V</td>
<td>82 kW</td>
</tr>
<tr>
<td>Honda FCV</td>
<td>111 kW</td>
<td>11.8 kWh</td>
<td>311 V</td>
<td>82 kW</td>
</tr>
<tr>
<td>Honda FCX Clarity</td>
<td>111 kW</td>
<td>11.8 kWh</td>
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</tr>
</tbody>
</table>

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For Honda Smart Community Activities, Inquiries
Please scan the QR code on the right, or access via the following URL:
http://www.honda.co.jp/smart/community/
**Through the use of solar power and clean air vehicles, energy use is minimized.**

### Optimal management of various energy sources will bring us a sustainable low-carbon society.

While maximizing the use of renewable energy sources such as solar power, wind power, and storage batteries, energy supply systems and electric control facilities are optimized to efficiently support power generation, transmission, and distribution. In this way, energy can be supplied to customers through power plants, the power manager, to create a sustainable society.

1. **Solar power**
   - Solar power is the most common type of renewable energy for residences.

2. **Wind power**
   - Small-scale wind generator systems can be installed locally.

### Conversion from DC to AC power

Power Manager converts DC power from solar power to AC power which is of similar quality to offer and residential use.

### Optimal energy supply during power outage

During power outages, the Power Manager can use electricity not only from solar power and EV but also from gas engine cogeneration systems and engine generators for optimal energy supply.

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**Electricity Flow**

- **Solar power**: Solar power is the most common type of renewable energy for residences.
- **Wind power**: Small-scale wind generator systems can be installed locally.
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