Eco-Friendly Product
- No Noise
- No pollution

High Movability & Wide Usage
- Light Weight for Convenience
  - Unit Weight: Less than 28 kg
  - Easy to mount on carrier
- Operating time: About 4 Hours/For 1 kW load
  - Operating time easily extended

Protection & User Safety
- IP65 Rating
  - Dust and Water Resistance
- Installation of Earth leakage circuit breaker
- Misuse prevention connector is applied
  - Fool Proof and Fail Safe
- Grounding terminal for better earthing
**System Configuration**

<table>
<thead>
<tr>
<th>Inverter</th>
<th>Battery</th>
<th>Charger</th>
<th>Carrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCS from DC to AC (1.5kW)</td>
<td>Lithium-ion 40 Ah Cell</td>
<td>24V/30A Charge time 2.5 hours</td>
<td>Max Load 120kg</td>
</tr>
</tbody>
</table>

Charge Capacity: 4kWh (=2kWh/Pack, 2 Units)

**Purpose of use**

**Alternative power for Lift Irrigation**
Suitable for the places where electricity is out of reach

Present: Power supply from Distribution line
- Required distribution lines
- High cost in construction
- Limits on grid connections

Power Supply using Portable ESS
- Not required distribution lines
- Quick power supply available
- Can use electricity anywhere without restrictions

**Other Usage of Portable ESS**

- **Agricultural Application**
  - Support Pumps for Wells
  - Spreading Pesticides
  - Tree Cutting Tool
  - Fish Farm Oxygen Power Motor

- **Disaster Management**
  - Flooded Houses Drainage Pumps
  - Emergency Medical Power Supply
  - Emergency Lighting Power
  - Emergency Rescue on Site

- **Outdoor Activities**
  - Food Truck
  - Road Stall Power Generator
  - Power for live event
  - Campsite Power
  - Power for outdoor sports

- **Other Application**
  - Power for night construction
  - Portable electric tools
  - Emergency Household Power
  - Emergency power backup for ballot box