

# KOKAM PORTABLE ENERGY STORAGE SYSTEM (PORTABLE ESS)



## ✓ 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

Inverter	Battery	Charger	Carrier
PCS from DC to AC (1.5kW)	Lithium-ion 40 Ah Cell	24V30A Charge time 2.5 hours	Max Load 120kg

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

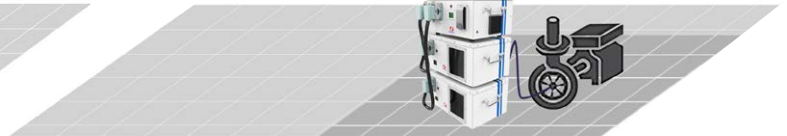
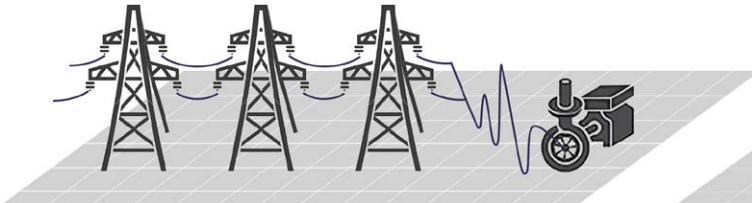
#### Present : Power supply from Distribution line

- 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

#### DISCLAIMERS OF WARRANTIES

ALL MATERIALS AND SERVICES ON THIS DOCUMENT ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THE WARRANTY OF NON-INFRINGEMENT. THIS DOCUMENT COULD INCLUDE TECHNICAL OR OTHER MISTAKES, INACCURACIES OR TYPOGRAPHICAL ERRORS. KOKAM ASSUMES NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THE INFORMATION, DOCUMENTS, SOFTWARE, MATERIALS AND/OR SERVICES WHICH ARE REFERENCED BY OR LINKED TO THIS DOCUMENT. KOKAM DOES NOT GRANT ANY EXPRESS OR IMPLIED RIGHT TO ANY PERSON OR BUSINESS ENTITY UNDER ANY PATENTS, COPYRIGHTS, TRADEMARKS, OR TRADE SECRET INFORMATION WITH RESPECT TO THE MATERIALS AND SERVICES. NO PORTION OF THE INFORMATION OR DOCUMENTS MAY BE REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE PRIOR WRITTEN CONSENT OF KOKAM. IN NO EVENT SHALL KOKAM BE LIABLE TO ANY PERSON OR BUSINESS ENTITY FOR ANY SPECIAL, PUNITIVE, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES BASED ON ANY USE OF THIS DOCUMENT.