

# PROVIDING SOLAR ENERGY IN JAPAN

# DETAILS OF INSTALLATION

- Location
  - Miyazaki, Japan
- Application
  - 1.1 MW Solar project
- Battery rating
  - 7.128 MWH
- No. of 20' containers in which battery installed
  - 22 Nos.
- Rating of Inverter installed in each container
  - 50 KW

# DETAILS OF BATTERY BANK

- Battery type - 4 Volt 450 AH C<sub>10</sub>
- Number of Batteries - 3,960 Nos.
- No. of batteries in each container - 180 Nos.
- Battery configuration in each container - 3 Sets of 60 Nos. each in parallel  
= 240 Volts 1,350 AH

# DETAILS OF BATTERY BANK

- No. of racks per battery - 3 Nos.
- No. of batteries per rack - 20 Nos.
- No. of BEMSs per battery set - 66 Nos.
- No. of Mother Boards per battery set - 7 Nos.
- Capacity of battery in each container - 324 KWH

# DETAILS OF SITE LOCATION

- Weather condition - - 4 to 40 °C
- Humidity - 0 to 90%



# CONTAINERS AT MIYAZAKI





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# BATTERIES PLACED IN THE RACK





# 4 RACKS TO THE LEFT OF THE CONTAINER





# 5 RACKS TO THE RIGHT OF THE CONTAINER



# SINGLE RACK WITH BATTERIES AND BEMS





# FIREFLY ENGINEERS FIXING THE BEMS



# BEMS BEING CONNECTED BY FIREFLY ENGINEER





# CONTAINER WITH BATTERY & INVERTER





# CONTAINERS WITH BATTERY & INVERTER



# KYOEI SANGYO & FIREFLY STAFF

