

---

# Container ESS Solution

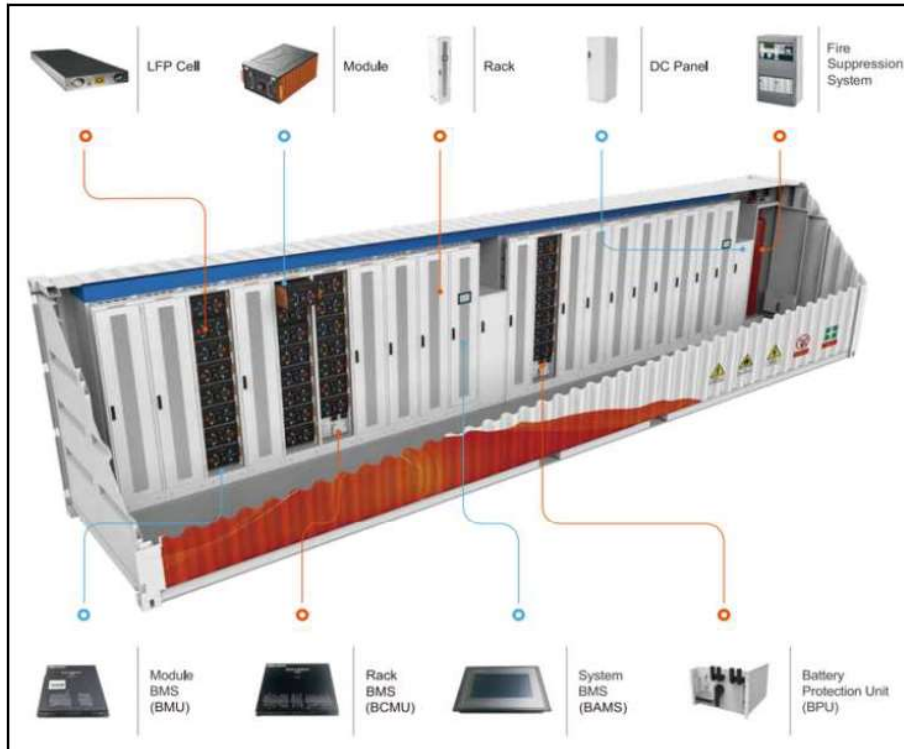
電話局舎  
大型基地局  
大規模エネルギー貯蔵装置(RESS)  
電気推進とハイブリッド推進船

All-In-One type ESS Container  
出入可能型

セル 3.2V 250Ah  
モジュール 51.2V 250Ah  
(16S)

太陽光発電所、風力発電所などの再生可能エネルギー発電所のRESS

# ESS Container システム構成



## DC System

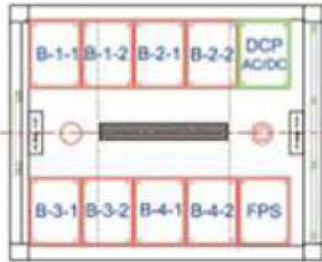
- Cell
- Module
- Rack
- Battery Management System (Module, Rack, System)
- Battery Protection Unit
- Container
- DC Panel
- HVAC System (heating, ventilation, & air conditioning)
- Fire Suppression System

## AC System

- PCS (Power Conditioning System)
- KPI for Chosen Country Certificate, Product Type System Cost, Client equipment, etc.

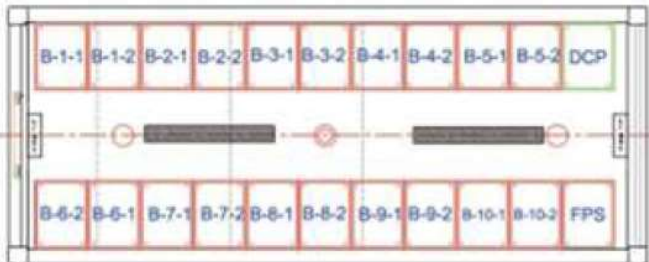
# ESS Container システム構成

## 10ft Container 構成



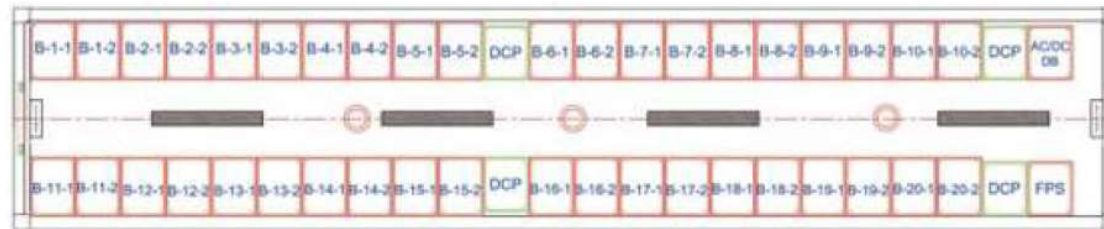
10ft ISO HC Container  
 External Mounted HVAC  
 Max Rack Energy 192kWh  
 Max Container Energy 0.77MWh

## 20ft Container 構成



20ft ISO HC Container  
 External Mounted HVAC  
 Max Rack Energy 192kWh  
 Max Container Energy 1.92MWh


## 40ft Container 構成




40ft ISO HC Container  
 External Mounted HVAC  
 Max Rack Energy 192kWh  
 Max Container Energy 3.84MWh

# システム規格

## ■ モジュールの規格

Item	Spec.	Reference
Type (0.5C)	51.2NESP250	
Cell Capacity (Ah)	250	
Energy (KWh)	12.8	
Nominal Volt (V)	51.2	
Minimum Volt (V)	44.8	
Maximum Volt (V)	57.6	
Dimension (W x D x H, mm)	415 x 600 x 265	
Weight (kg)	94	

## ■ ラック規格

Item	Spec.	Reference
Type	512125192	
Module(ea)	15	
Cell Capacity (Ah)	250	
Energy (KWh)	192	
Nominal Volt (V)	768	
Minimum Volt (V)	672	
Maximum Volt (V)	864	
Dimension (W x D x H, mm)	500 x 650 x 2400 (2P)	
Weight (kg)	1798	

# システム規格

## ■ 環境特性

Item		Spec.
Environmental Conditions	Operating Temperature (°C)	-40 to 55
	Storage Temperature (°C)	10 to 30
Realtive Humidity	Maximum Humidity (%)	Up to 95
Altitude	Above Sea Level (m)	2000/600ft
SOC	Recommende Range (%)	5~95

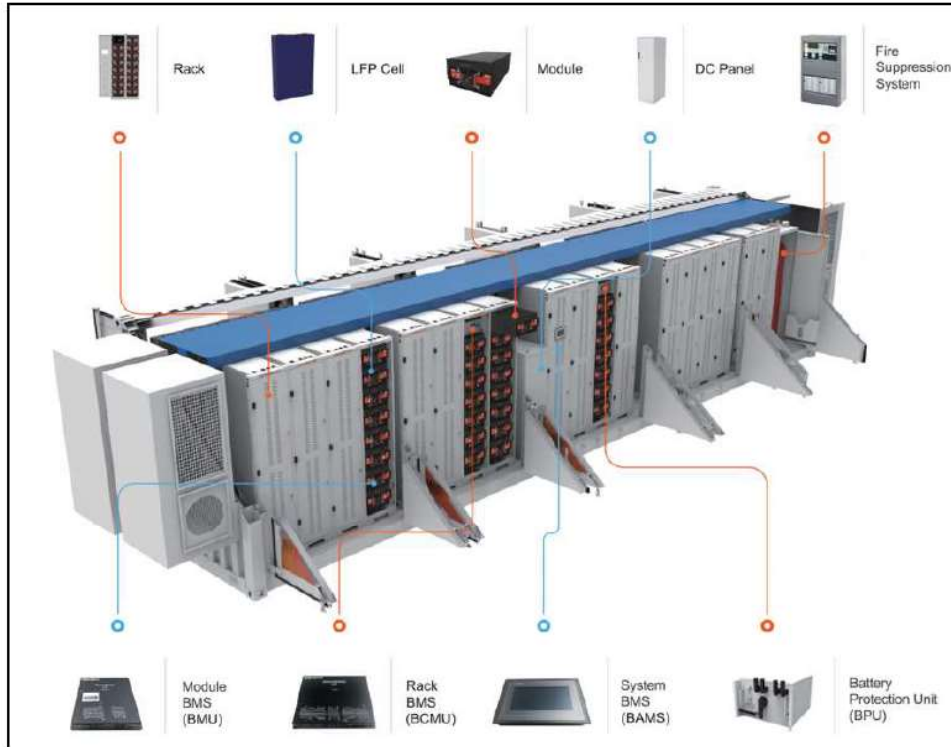
---

All-In-One type ESS Container  
出入不可型

セル 3.2V 250Ah  
モジュール 76.8V 250Ah  
(24S)

太陽光発電所、風力発電所などの再生可能エネルギー発電所のRESS

# ESS Container システム構成



## DC System

- Cell
- Module
- Rack
- Battery Management System (Module, Rack, System)
- Battery Protection Unit
- Container
- DC Panel
- HVAC System (heating, ventilation, & air conditioning)
- Fire Suppression System

## AC System

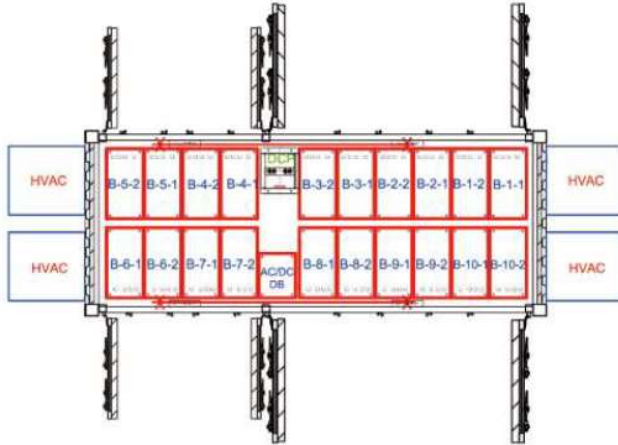
- PCS (Power Conditioning System)
- KPI for Chosen Country Certificate, Product Type System Cost, Client equipment, etc.





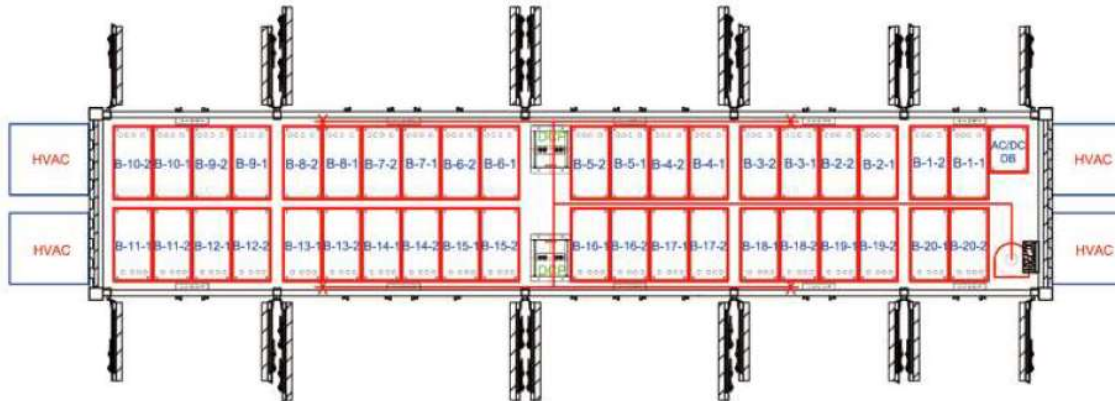
# ESS Container システム構成

## 20ft Container 構成



20ft ISO HC Container  
 External Mounted HVAC  
 Max Rack Energy 288kWh  
 Max Container Energy 2.88MWh  
 Rated Power 1.44MW


## 40ft Container 構成




40ft ISO HC Container  
 External Mounted HVAC  
 Max Rack Energy 288kWh  
 Max Container Energy 5.76MWh  
 Rated Power 2.88MW

# システム規格

## ■ モジュールの規格

Item	Module	Reference
Type (0.5C)	76.8NESP250	
Cell Capacity (Ah)	250	
Energy (KWh)	19.2	
Nominal Volt (V)	76.8	
Minimum Volt (V)	67.2	
Maximum Volt (V)	86.4	
Dimension (W x D x H, mm)	400 x 884 x 265	
Weight (kg)	147	

## ■ ラック規格

Item	Type 3	Reference
Type	768125288	
Module(ea)	15	
Cell Capacity (Ah)	250	
Energy (KWh)	288	
Nominal Volt (V)	1152	
Minimum Volt (V)	1008	
Maximum Volt (V)	1296	
Dimension (W x D x H, mm)	500 x 938 x 2400 (2P)	
Weight (kg)	2520	

# システム規格

## ■ 環境特性

Item		Spec.
Environmental Conditions	Operating Temperature (°C)	-40 to 55
	Storage Temperature (°C)	10 to 30
Realtive Humidity	Maximum Humidity (%)	Up to 95
Altitude	Above Sea Level (m)	2000/600ft
SOC	Recommende Range (%)	5~95