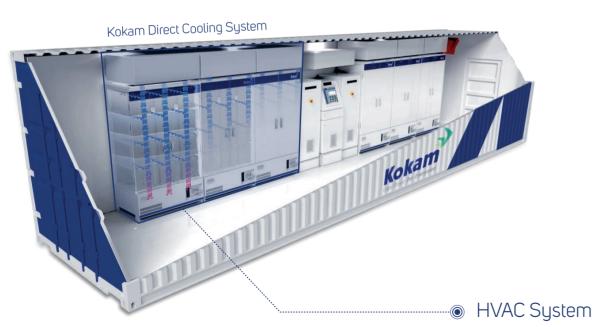


## ESS Solution (Battery + PCS + Transformer + EMS)



6MW PCS (40ft) + Transformer + 4MWh Battery (40ft)



- Racks are directly cooled by the HVAC system (1/6 of entire container volume) so cool air reaches the heat source directly.
  - Cooling is fast and very efficient.
- Ambient conditions do not affect operation.
- Compared to general system, Kokam system saves 70% of power consumption



2MW PCS + Transformer + 2MWh Battery (20ft)





EMS (Energy Management System)

## Completely Integrated Battery Solution

We offer customized solutions to satisfy various needs in ESS market





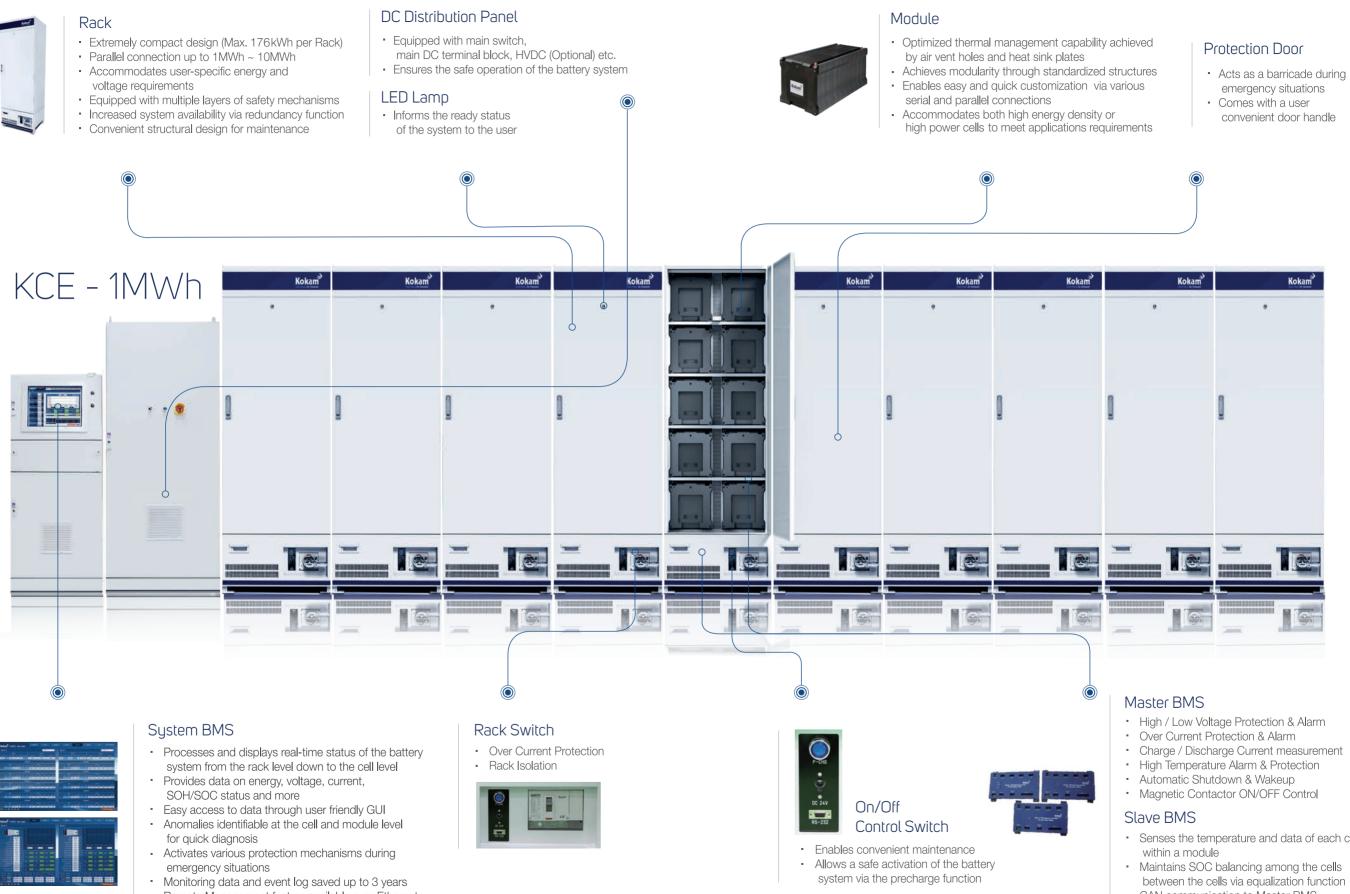
Kokar



High-Performance Containerized Storage Solution

		High Power Type			High Energy Type	
Model		KCE-5061	KCE-3996	KCE-1864	KCE-5299	KCE-2472
Installed Energy (MWh)		5.06	3.99	1.86	5.29	2.47
Max Power (Continuous)	Discharge(MW)	20.24	15.98	7.45	10.59	4.94
	Charge(MW)	20.24	15.98	7.45	10.59	2.47
DC Efficiency		>97% [C/2 rate]				
DC Voltage		660 ~ 998V				
Approx. Dimensions (ft)		53'	40'	20'	40'	20'
Ambient Operating Temperature Range		-20 ~ 50 °C				
Enclosure details		IP54, IEC 60529				

Kokam Systems make no warranty explicit or implied with these specifications. Contents are subjected to change without notice.



Remote Management feature available over Ethernet

- Senses the temperature and data of each cell
- between the cells via equalization function
- CAN communication to Master BMS