

KESS Series Integrated Energy Storage System

C&I KESS20HG/40HG



Technical Features



LFP Battery System, PCS,
Fire Suppression System



Standard 20/40 Feet
Container, Easy Transportation



Smart and Efficient HVAC Design
for Lower Loss and Better Safety



Quicker One-stop Delivery
with In-factory Installation
and Commissioning



HVRT/LVRT



Standard Communication
Portal, Fitting Third Party SCADA



Equipped with PQ, VSG,
VF, and Black Start



IP54 Protection, Can Handle
Harsher Outdoor Environment

Model	KESS20HG	KESS40HG
Power Range	50-630kW	100-1250kW
Battery Capacity	Customised	Customised
PV Input Access	Optional	Optional
On/Off-Grid Switching	Optional	Optional
PCS Chamber Cooling Method	Smart Fan Cooling	Smart Fan Cooling
Battery Chamber Cooling Method	Air Conditioner	Air Conditioner
Fire Suppression System in Battery Chamber	FM200/Novec 1230	FM200/Novec 1230
Ambient Temperature	-15°C-45°C	-15°C-45°C
Max Altitude	3000m	3000m
Relative Humidity Range	5%-95% (No Condensation)	5%-95% (No Condensation)
Protection Degree	IP54	IP54
Dimensions(L * W* H)	6058*2438*2896mm	12192*2438*2896mm
Communication to SCADA	Ethernet (IEC104)	Ethernet (IEC104)

KSTAR

Stock code: 002518

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