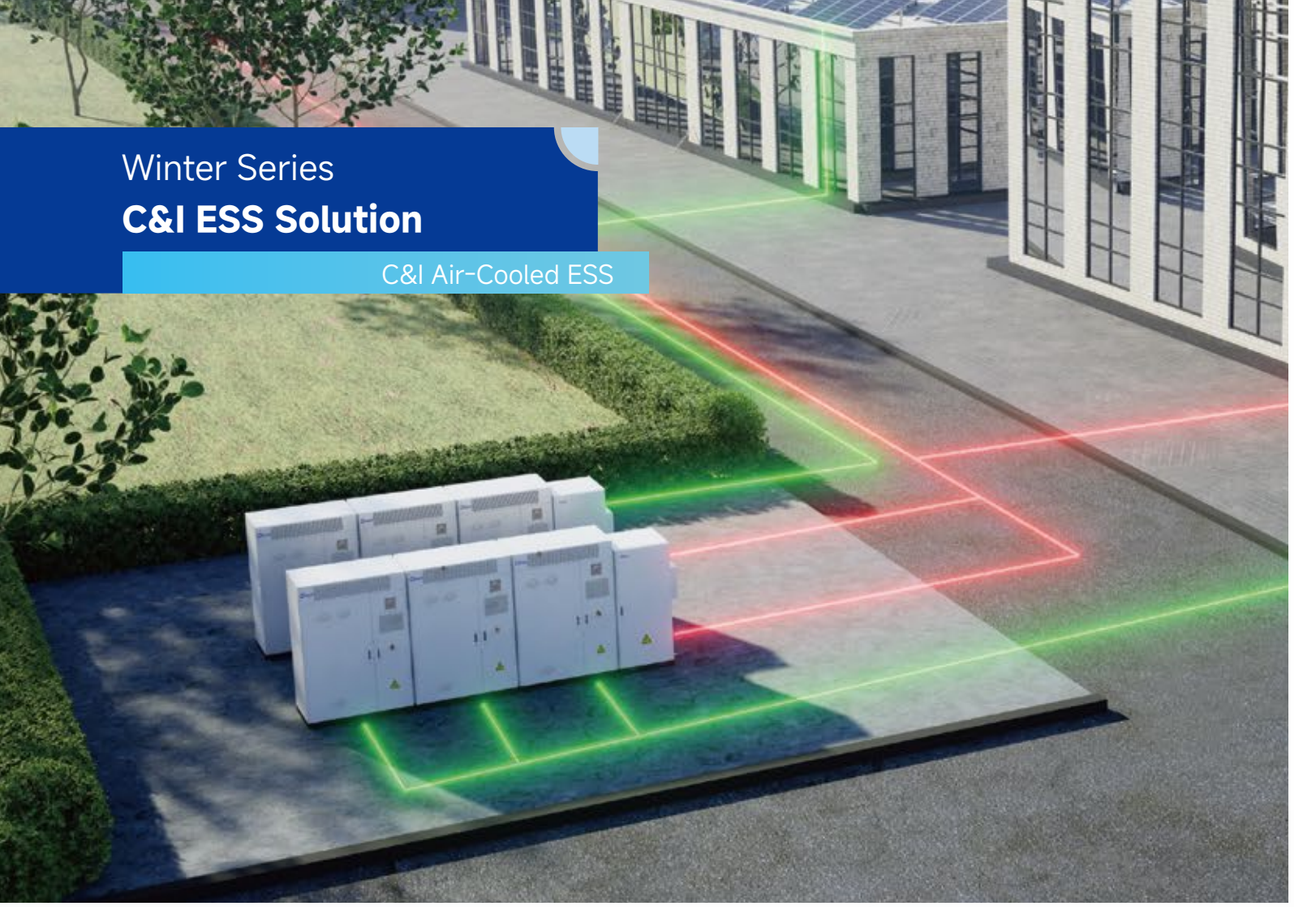


Winter Series

C&I ESS Solution

C&I Air-Cooled ESS

Safer

- LFP batteries
- System supports aerosol fire extinguishing
- Battery compartment with auto venting & explosion-proof

Multi-Fusion

- Integrated EMS, PCS, and BMS
- Support expansion of MPPT module
- support off-grid backup

Reliable

- Operating temp :-20℃ to 50℃
- IP54 & C5 protection rating
- Operate up to 3000m altitude
- 1.1x overload capacity
- Balancing solutions extend battery life
- Triple auxiliary power design for stable supply

Intelligent Control

- Thermal management keeps battery < 35℃
- Peak-valley management, anti-backflow overload protection
- Load tracking, demand control backup power, phase separation

Scalable

- Support up to 5 units off-grid backup maximum 500kW/1MWh
- Support up to 20 units on-grid in parallel maximum 2MW/4.3MWh
- Support up to 10 units off-grid in parallel maximum 1MW/2.15MWh

MS-G215-2H2/3/6 & MS-GS215-2H2/3/6 (EU, AU, AS, AF, LATAM)

Technical Data

PV Specification	MS-GS215-2H2
Out Rated Power (kW)	150 (dc)
Max. Input Voltage (V)	1000
Start Voltage (V)	200
MPPT Voltage Range (V)	180 ~ 880
Full Load Voltage Range (V)	450 ~ 850
Number of MPPT	8 pcs
MPPT Max.Current/Short Current (A)	40 / 60
Dimension (WxDxH,mm)	440 x 610 x 178
Weight Appr.(kg)	32

System Specification	MS-G215-2H2 / MS-GS215-2H2
AC Output Power (kW)	100
AC Output Frequency and Voltage	50/60Hz;380 / 400Vac
Grid Type	3L / N / PE
Battery OperatingVoltage (Vd.c.)	660 ~ 864
Energy (kWh)	215
Dimension (Wx D x H,mm)	1865 x 1000 x 2500
Weight Appr. (kg)	2700
Max. RTE	88%
System Communication	ETH / 4G
System Operating Temperature Range (°C)	-20~50 (>45 Derating)
Max. Working Altitude (m)	≤3000
IP Rating of Enclosure	IP54
Anti-Corrosion Grade	≤C5
System Certification	UN38.3, IEC, CEC, VED, CEI
Warranty Period	10 years

Converter Specification	MS-G215-2H2 / MS-GS215-2H2
AC Output Rated Current (A)	152
Max.AC Output Current (A)	167
Max.Number of Parallel (off-grid)	10 pcs (off-grid)
Peak Power	1.1 times of rated power
Power Factor	-1~1
THD	<3%
DC Injection Current	<0.5In
Display	LCD
Relative Humidity	15%~85% (No Condensing)
Dimension (W x D x H,mm)	506 x 772 x 310
Communication	CAN,RS485,ETH
Overvoltage Protection	DC Type II / AC Type II
Protection Level	Class 1
Grid Regulation	EN50549,AS4777.2,CEI0-21,CEI-016,NRS097
Max. Efficiency	97.6%