



Overseas version of outdoor integrated energy storage cabinet

CESS-M233-EU
CESS-M261-EU
CESS-M418-EU

DC1000V and DC1500V Systems, Integrated with PCS, Equipped with Intelligent Cloud platform, Real-time Monitoring System Operation Status and Benefits.

Product Features

-  Packet-level detection and fire fighting
-  Explosion-proof design
-  AC convergence and high integration
-  Modular design and easy expansion
-  Economical and efficient
-  Intelligent operation and maintenance



Product Parameters

PRODUCT MODEL	CESS-M233-EU	CESS-M261-EU	CESS-M418-EU
DC side Parameters			
Cell capacity	LFP/280Ah	LFP/314Ah	LFP/314Ah
Nominal Voltage	DC832V	DC832V	DC1310V
Operating Voltage Range	DC728V~DC936V	DC728V~DC936V	DC1123V ~ DC1497V
Battery Configuration	1P260S	1P260S	1P416S
AC side Parameters			
Nominal AC voltage	AC400V	AC400V	AC690V
AC connection voltage	3L+N+PE	3L+N+PE	3L+PE
Nominal power	100kW	125kW	215kW
Current Harmonic	< 3 %	< 3 %	< 3 %
Power Factor	-1 ~ +1	-1 ~ +1	-1 ~ +1
System Parameters			
System Efficiency	≥90%	≥90%	≥90%
Relative humidity	0-95%	0-95%	0-95%
Max. altitude	5000m (>2000m derating)	5000m (>2000m derating)	5000m (>2000m derating)
Ingress protection rating	Ip55	Ip55	Ip55
Weight	2.5t	2.5t	3.8t
Dimensions	1000×1300×2300mm	1000×1300×2300mm	1300×1380×2300mm
Communication Protocol	Modbus TCP、IEC104、IEC61850	Modbus TCP、IEC104、IEC61850	Modbus TCP、IEC104、IEC61850
Thermal Management System	Smart liquid cooling/ heating for battery system	Smart liquid cooling/ heating for battery system	Smart liquid cooling/ heating for battery system
Fire Detection	Heat and smoke detection, alarm bell and strobe	Heat and smoke detection, alarm bell and strobe	Heat and smoke detection, alarm bell and strobe
Fire Suppression Options	Aerosol-based suppression system	Aerosol-based suppression system	Aerosol-based suppression system
Noise @1m distance	≤ 75 dB(A)	≤ 75 dB(A)	≤ 75 dB(A)
Certification	In the process of certification	IEC 62619, IEC 63056, IEC 62933-5-2/ UL9540A, IEC 62477-1, EN61000-6-2/4, CE-RED, UN38.3, UN3480, REACH, NFPA 855	In the process of certification

Note:

- System Efficiency: This value is the efficiency of the discharged power/charged power measured on the AC 400V side after the system has completed a full discharge at an ambient temperature of 25°C.