ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

C E R T I F I C A T E

No. B 126875 0014 Rev. 00

Holder of Certificate: **Atmoce Holding B.V.**
Singel 250
1016 AB Amsterdam
THE NETHERLANDS

Certification Mark:

Product: **Energy Storage System**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier.
All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704082520312-00

Valid until: 2030-03-11

Date, 2025-03-12

(Kai Zhao)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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C E R T I F I C A T E

No. B 126875 0014 Rev. 00

Model(s): **MS-7K-U**

Parameters:

Integrated Battery System	
Battery Type	Rechargeable Li-ion
Nominal Battery Voltage	DC 25.6 V
Battery Voltage Range	DC 20.4 V ,…, 28.8 V
Max. Battery Continuous Charging Current	DC 235 A
Max. Battery Continuous Discharging Current	DC 270 A
Rated Battery Energy	7 kWh
Nominal Battery Capacity	280 Ah
Grid Port Parameters	
Input / Output Nominal Voltage	1/N/PE ~ 220V or 1/N/PE ~ 230V (single-phase mode) or 3/N/PE ~ 220/380V or 3/N/PE ~ 230/400V (three-phase mode)
AC Max. Output Current (Discharging)	AC 22.73 A@220V or AC 21.74 A@230V (single-phase mode) or AC 7.58 A@380V or AC 7.25 A@400V (three-phase mode)
AC Max. Input Current (Charging)	AC 17.05 A@220V or AC 16.3 A@230V (single-phase mode) or AC 5.7 A@380V or AC 5.41 A@400V (three-phase mode)
Nominal Frequency	50/60 Hz
Max. Output Power (Overload)	5 kW
Max. Continuous Output Power	4.5 kW
Max. Continuous Input Power	3.75 kW
Adjustable Power Factor Range:	-0.8 ,…, +0.8
Number of Phases	1 a.c. or 3 a.c.
General Parameters	
Protection Class	I
Ingress Protection	IP66
Operating Temperature Range	-20 °C, …, +55 °C
Remark: Operating mode at single-phase or three-phase depends on field wiring connection according to user manual	

Tested according to: IEC 62477-1:2012
IEC 62477-1:2012/AMD1:2016
EN 62477-1:2012/A12:2021

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