



CVC Testing Technology (Shenzhen) Co., Ltd.

# Certificate of Compliance

No. EMCSZ25-0001

About the EMC Directive 2014/53/EU

**Applicant:** Huawei Digital Power Technologies Co., Ltd.  
Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33  
Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C.

**Product/Material:** Smart String ESS

**Trade Mark:** HUAWEI

**Model/Type:** LUNA2000-215-2S10, LUNA2000-215-2S11, LUNA2000-215-2S12,  
LUNA2000-161-2S11, LUNA2000-107-1S11,  
FusionCharge AES-215-2S10, FusionCharge AES-215-2S12

**Rated Specification:** See Appendix

**Tested According to:** EN 61000-6-4:2007+A1:2011, EN IEC 61000-6-4:2019,  
EN 61000-3-11:2000, EN IEC 61000-3-11:2019,  
IEC 61000-3-11:2017, EN 61000-3-12:2011,  
IEC 61000-3-12:2011+ AMD1:2021,  
ETSI EN 301 489-1 V2.2.3 (2019-11),  
ETSI EN 301 489-17 V3.2.4 (2020-09)

**Referred to the  
Technical Report:** GJWSZ2024-0440

*This certificate of compliance is based on an evaluation of the tested sample of the product mentioned above. It does not imply assessment of series-production of the product. The applicant should hold the whole technical report at the disposal of the competent authority.*

*Provided it is also in conformance with other applicable EU/EC directives, the manufacturer or its authorized European representative may draw up an EU/EC Declaration of Conformity and affix the CE-mark shown below to each conforming product.*



Signed by:

CVC Testing Technology (Shenzhen) Co., Ltd.  
No. 1301-14&16, Guanguang Road, Xinlan Community, Guanlan Subdistrict, Longhua  
District, Shenzhen, Guangdong, China  
Tel.: +86-0755-23763060-8805, Fax: +86-0755-23763060. E-mail: [sz-kf@cvc.org.cn](mailto:sz-kf@cvc.org.cn)  
[www.cvc.org.cn](http://www.cvc.org.cn)

Dong Sanbi

Date of Issue: Jan. 13, 2025

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# APPENDIX

to C.O.C No. EMCSZ25-0001

**Applicant:** Huawei Digital Power Technologies Co., Ltd.  
Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33  
Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C.

**Product/Material:** Smart String ESS

**Trade Mark:** HUAWEI

**Model/Type:** LUNA2000-215-2S10, LUNA2000-215-2S11, LUNA2000-215-2S12,  
LUNA2000-161-2S11, LUNA2000-107-1S11,  
FusionCharge AES-215-2S10, FusionCharge AES-215-2S12

**Rated Specification:**

**Model: LUNA2000-215-2S10**

Nominal Energy Capacity: 215.0 kWh

Rated Power: 108 kW

Max output current: 212.7 A

a.c.Nominal Voltage: 380/400/415 Va.c.: 3(N)~+⊕

a.c.Max.Current: 164.1A/155.9A/150.3A

a.c.Nominal Operating Frequency: 50/60 Hz

Power factor:-1(lagging)-1(leading)

Auxiliary Supply:176-300 Va.c.; 50/60 Hz; 5 kVA Max

Battery Type: LFP

Enclosure:IP55

Protection Class: I

Operating Temperature Range:-30-+55°C

**Model: LUNA2000-215-2S12**

Nominal Energy Capacity: 215.0 kWh

Rated Power: 108 kW

Max output current: 212.7 A

a.c.Nominal Voltage:380/400V415 Va.c.;3(N)~+⊕

a.c.Max.Current:164.1A/155.9A/150.3A



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a.c.Nominal Operating Frequency: 50/60 Hz  
Power factor:-1(lagging)-1(leading)  
Auxiliary Supply:176-300 Va.c.: 50V60 Hz; 5 kVA Max  
Battery Type: LFP

Enclosure:IP55

Protection Class:I

Operating Temperature Range:-30-+55 °C

**Model: LUNA2000-161-2S11**

Nominal Energy Capacity: 161.3 kWh

Rated Power: 108 KW

Max output current: 197.0A

a.c.Rated Voltage:380/400V415 Va.c.;3(N)~+⊕

420/440/480 Va.c.;3(N)~+⊕

a.c. Rated Current: 164.1A/155.9A/150.3A

148.5A/141.8A/130.0A

a.c.Nominal Operating Frequency: 50/60 Hz

Power factor:-1(lagging)-1(leading)

Auxiliary Supply:176-300 Va.c.: 50V60 Hz, 5 kVA Max

Battery Type: LFP

Enclosure:IP55

Protection Class:I

Operating Temperature Range:-30-+55 °C

**Model: LUNA2000-107-1S11**

Nominal Energy Capacity: 107.5 kWh

Rated Power: 108 KW

Max output current: 164.1A

a.c.Rated Voltage:380/400V415 Va.c.;3(N)~+⊕

420/440/480 Va.c.;3(N)~+⊕

a.c. Rated Current: 164.1A/155.9A/150.3A

148.5A/141.8A/130.0A

a.c.Nominal Operating Frequency: 50/60 Hz



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[www.cvc.org.cn](http://www.cvc.org.cn)

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to C.O.C No. EMCSZ25-0001

Power factor:-1(lagging)-1(leading)  
Auxiliary Supply:176-300 Va.c.: 50V60 Hz, 5 kVA Max  
Battery Type: LFP  
Enclosure:IP55  
Protection Class:I  
Operating Temperature Range:-30-+55 °C  
**Model: LUNA2000-215-2S11**  
Nominal Energy Capacity: 215.0 kWh  
Rated Power: 108 kW  
Max output current: 178.2 A  
a.c.Nominal Voltage: 380/400/415 Va.c.: 3(N)~+⊕  
a.c.Max.Current: 148.5A/141.8A/130A  
a.c.Nominal Operating Frequency: 50/60 Hz  
Power factor:-1(lagging)-1(leading)  
Auxiliary Supply:176-300 Va.c.; 50/60 Hz, 5 kVA Max  
Battery Type: LFP  
Enclosure:IP55  
Protection Class: I  
Operating Temperature Range:-30-+55°C  
**Model: FusionCharge AES-215-2S10**  
Nominal Energy Capacity: 215.0 kWh  
Rated Power: 108 kW  
Max output current: 212.7 A  
a.c.Nominal Voltage: 380/400/415 Va.c.: 3(N)~+⊕  
a.c.Max.Current: 164.1A/155.9A/150.3A  
a.c.Nominal Operating Frequency: 50/60 Hz  
Power factor:-1(lagging)-1(leading)  
Auxiliary Supply:176-300 Va.c.; 50/60 Hz; 5 kVA Max  
Battery Type: LFP  
Enclosure:IP55  
Protection Class: I



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Operating Temperature Range:-30-+55°C

**Model: FusionCharge AES-215-2S12**

Nominal Energy Capacity: 215.0 kWh

Rated Power: 108 kW

Max output current: 212.7 A

a.c.Nominal Voltage: 380/400/415 Va.c.: 3(N)~+⊕

a.c.Max.Current: 164.1A/155.9A/150.3A

a.c.Nominal Operating Frequency: 50/60 Hz

Power factor:-1(lagging)-1(leading)

Auxiliary Supply:176-300 Va.c.; 50/60 Hz, 5 kVA Max

Battery Type: LFP

Enclosure:IP55

Protection Class: I

Operating Temperature Range:-30-+55°C



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