

# EU-Type Examination Certificate

No. E6A 041829 5376 Rev. 00

**Holder of Certificate:** **Huawei Technologies Co., Ltd.**  
Administration Building  
Headquarters of Huawei Technologies Co., Ltd.  
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518129 Shenzhen  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Energy Storage System  
(Smart String ESS)**

This EU-Type Examination Certificate is issued according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with such aspects of the requirements of the EMC directive as specified by the manufacturer or his authorized representative in the European Community and applies only to the sample and/or its technical documentation submitted for testing and certification. This Type Examination does not contain any statements pertaining to the EMC protection requirements governed by other laws which serve to implement EU Directives other than the aforementioned Directive 2014/30/EU.  
For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Evaluation Report No.:** 64.772.24.30158.01-(T)

**Date,** 2024-10-18



( Volker Albrecht )

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## Model(s):

**LUNA2000-4472-2S**  
(Battery module: ESM-166560AS1,  
Rack Control Module: RCM-H3-B-280-51,  
Central Monitoring Unit Module: SmartMonitorB01,  
Liquid Thermal Management System Module: LunaTMS5000-  
L053TE00)

## Description of Object:

Model:	LUNA2000-4472-2S (Battery module: ESM-166560AS1, Rack Control Module: RCM-H3-B-280-51, Central Monitoring Unit Module: SmartMonitorB01, Liquid Thermal Management System Module: LunaTMS5000- L053TE00)
Battery input/output terminal parameters:	
Battery module	ESM-166560AS1
Battery module number	48
Battery type	LFP
Rated capacity [Ah]	3360
Rated energy capacity [kWh]	4472
Rated voltage [Vd.c.]	1331.2
Rated voltage range [Vd.c.]	1123~1497
Maximum charging power [kW]	2236.0
Maximum continuous charging current [Ad.c.]	280*6
Maximum discharging power [kW]	2236.0
Maximum continuous discharging current [Ad.c.]	280*6
Auxiliary power supply parameters:	
Input voltage range [Va.c.]	3P+N: 380/400, 3W+N+PE
Maximum input current [Aa.c.]	57.7
Rated input frequency [Hz]	50/60

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**Remark:**

1. All aspects of the essential requirements were assessed.
2. EN IEC 61000-6-4:2019, EN 61000-6-4:2007/A1:2011, EN 61000-6-4:2007, IEC 61000-6-4:2018 for telecommunication/network port only.
3. Environment: other than residential.
4. This certificate does not consider requirements for broadcast radio equipment.
5. Battery module, Rack Control Module, Central Monitoring Unit Module, Liquid Thermal Management System Module component applies only to the Smart String ESS (Model: LUNA2000-4472-2S) and cannot be used independently.

**Tested  
according to:**

EN IEC 61000-6-2:2019  
EN 61000-6-2:2005/AC:2005  
EN 61000-6-2:2005  
IEC 61000-6-2:2016  
EN IEC 61000-6-4:2019  
EN 61000-6-4:2007/A1:2011  
EN 61000-6-4:2007  
IEC 61000-6-4:2018  
EN 55011:2016/A2:2021  
EN 55011:2016/A11:2020  
EN 55011:2016/A1:2017  
EN 55011:2016  
CISPR 11:2015/AMD1:2016  
CISPR 11:2015/AMD2:2019  
CISPR 11:2015