



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/26/SZ/00141

Contract Number: 803569

Certificate Project Number: SZ-CERT260401187

Certified Product: DC ESS (Product name: Lithium Battery Energy Storage System)

Trademarks: 

Model(s): FP-Nano-S4-O, FP-Nano-S5-O, FP-Nano-S6-O, FP-Nano-S7-O, FP-Nano-S8-O, FP-Nano-S9-O, FP-Nano-S10-O, FP-Nano-S11-O, FP-Nano-S12-O

Technical Data: See page 2-3

Certificate Holder: Fortress Power LLC
2010 Cabot Blvd W Suite L, Langhorne, PA 19047, United States of America

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at www.sgs.com or using the QR code below. This product has been certified in accordance with ISO/IEC 17065:2012, Conformity assessment — Requirements for bodies certifying products, processes and services and under the Type 3 guidelines provided in ISO/IEC 17067:2013, Conformity assessment — Fundamentals of product certification, and in accordance with:

ANSI/CAN/UL 9540:2023, Third Edition, Dated June 28, 2023

Authorized by:

Effective date: 08 April 2026

Mark Lohmann
Certifier



Certification Body

Connectivity & Products, a division of SGS North America Inc.
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Technical Data:

AC auxiliary power: 2P, 2W+PE, 480Va.c., 60 Hz, Max. 6.25A;

Model	FP-Nano-S4-O	FP-Nano-S5-O	FP-Nano-S6-O	FP-Nano-S7-O	FP-Nano-S8-O
Nominal Voltage	204.8 Vd.c.	256 Vd.c.	307.2 Vd.c.	358.4 Vd.c.	409.6 Vd.c.
Rated Capacity	100Ah				
Rated Energy	20.48 kWh	25.6 kWh	30.72 kWh	35.84 kWh	40.96 kWh
Operating Voltage Range	184-224 Vd.c.	230-280 Vd.c.	276-336 Vd.c.	322-392 Vd.c.	368-448 Vd.c.
Max. continuous charging and discharging current	100 A				
Configuration of ESS	(16S1P)4S	(16S1P)5S	(16S1P)6S	(16S1P)7S	(16S1P)8S
Cell	CB56				
Ratings of cell	3.2 Vd.c., 100 Ah				

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Model	FP-Nano-S9-O	FP-Nano-S10-O	FP-Nano-S11-O	FP-Nano-S12-O
Nominal Voltage	460.8 Vd.c.	512 Vd.c.	563.2 Vd.c.	614.4 Vd.c.
Rated Capacity	100Ah			
Rated Energy	46.08 kWh	51.2 kWh	56.32 kWh	61.44 kWh
Operating Voltage Range	414-504 Vd.c.	460-560 Vd.c.	506-616 Vd.c.	552-672 Vd.c.
Max. continuous charging and discharging current	100A			
Configuration of ESS	(16S1P)9S	(16S1P)10S	(16S1P)11S	(16S1P)12S
Cell	CB56			
Ratings of cell	3.2 Vd.c., 100 Ah			

Charging temperature range (ambient): 0 to 55 °C

Discharging temperature range (ambient): -20 to 55°C

IP code (Whole unit) IP 55

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