

US

# **CERTIFICATE OF COMPLIANCE**

**Certificate Number:** 

SGSNA/24/GZ/00312

Contract Number: Certificate Project Number: 802693 GZ-CERT231103407

Certified Product: Trademarks: Home Energy System

See page 2-3

Model(s):

**Technical Data:** 

**Certificate Holder:** 

SPITZER ENERGY COMPANY 4295 East Jurupa Street, Suite 103A, Ontario, 91761, California, 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 <u>www.sgs.com</u> or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

SPZ 7.5KW-ESS, SPZ 9KW-ESS, SPZ 12KW-ESS-A,

SPZ 12KW-ESS-B, SPZ 15KW-ESS, SPZ 15KW-ESS-B

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

SGSSG

Authorized by:

rson wei

Jason Wei Certifier

Effective date: 08 November 2024

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#### **Certification Body**

Connectivity & Products, a division of SGS North America Inc. 620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA t  $\,$  +1 770 570 1800 f  $\,$  +1 770 277 1240 www.sgs.com



# **CERTIFICATE OF COMPLIANCE**

802693

Certificate Number:

# SGSNA/24/GZ/00312

Contract Number: Certificate Project Number:

**Technical Data:** 

SPZ 7.5KW-ESS

GZ-CERT231103407

PV Input (dc): 70-540V (600V max.), 30A/22A max., 7.5kW max.; AC On-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 22.9Amax., 5.5kVA max., 60Hz, -0.8(lagging)~ +0.8(leading);

AC Off-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 22.9A max., 5kW Rated, 60Hz;

AC Input (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 40A max., 7.5kW Rated, 60Hz; Battery Side (dc): 44.8-58.4V, 210A/130A (Charging/Discharging); Max. Energy storage capacity: 30.72kWh

### SPZ 9KW-ESS

PV Input (dc): 70-540V (600V max.), 30A/22A max., 9kW max.; AC On-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 27.5A max., 6.6kVA max., 60Hz, -0.8(lagging)~ +0.8(leading);

AC Off-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 27.5A max., 6kW Rated, 60Hz;

AC Input (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 40A max., 9kW Rated, 60Hz; Battery Side (dc): 44.8-58.4V, 210A/130A (Charging/Discharging); Max. Energy storage capacity: 30.72kWh;

### SPZ 12KW-ESS-A

PV Input (dc): 70-540V (600V max.), 30A/22A/22A max., 12kW max.; AC On-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 34.8A max., 8.36kVA max., 60Hz, -0.8(lagging)~ +0.8(leading);

AC Off-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 34.8A max., 7.6kW Rated, 60Hz;

AC Input (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 52.5A max., 12kW Rated, 60Hz; Battery Side (dc): 44.8-58.4V, 210A/180A (Charging/Discharging); Max. Energy storage capacity: 30.72kWh

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**Certificate Number:** 

## SGSNA/24/GZ/00312

**Contract Number: Certificate Project Number:** 

802693 GZ-CERT231103407

**Technical Data:** 

SPZ 12KW-ESS-B PV Input (dc): 70-540V (600V max.), 30A/22A/22A max., 12kW max; AC On-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 36.7A max., 8.8kVA max., 60Hz, -0.8(lagging)~ +0.8(leading);

AC Off-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 36.7A max., 8kW Rated, 60Hz:

AC Input (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 52.5A max., 12kW Rated, 60Hz; Battery Side (dc): 44.8-58.4V, 210A/180A (Charging/Discharging); Max. Energy storage capacity: 30.72kWh;

### SPZ 15KW-ESS

PV Input (dc): 70-540V (600V max.), 30A/22A/22A max., 15kW max.; AC On-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 45.8A max., 11kVA max., 60Hz, - $0.8(\text{lagging}) \sim +0.8(\text{leading});$ 

AC Off-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 45.8A max., 10kW Rated, 60Hz;

AC Input (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 62.5A max., 15kW Rated, 60Hz; Battery Side (dc): 44.8-58.4V, 210A/210A (Charging/Discharging); Max. Energy storage capacity: 30.72kWh

## SPZ 15KW-ESS-B

PV Input (dc): 70-540V (600V max.), 30A/22A/22A max.,15kW max.; AC On-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 47.5A max., 11.4kVA max., 60Hz,  $-0.8(\text{lagging}) \sim +0.8(\text{leading});$ 

AC Off-grid Output (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 47.5A max., 10kW Rated, 60Hz:

AC Input (ac): 120Vac/240Vac(Split phase)(105.6-132Vac(L-N)/ 211.2-264Vac(L-L); 208Vac(2/3 phase)(183-228.8V), 62.5A max., 15kW Rated, 60Hz; Battery Side (dc): 44.8-58.4V, 210A/210A (Charging/Discharging); Max. Energy storage capacity: 30.72kWh

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