

# CERTIFICATE OF COMPLIANCE

**Certificate Number:** SGSNA/24/GZ/00312

**Contract Number:** 802693  
**Certificate Project Number:** GZ-CERT231103407

**Certified Product:** Home Energy System  
**Trademarks:**

**Model(s):** SPZ 7.5KW-ESS, SPZ 9KW-ESS, SPZ 12KW-ESS-A,  
SPZ 12KW-ESS-B, SPZ 15KW-ESS, SPZ 15KW-ESS-B

**Technical Data:** See page 2-3

**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 [www.sgs.com](http://www.sgs.com) 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:*

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

Authorized by:

Jason Wei  
Certifier

Effective date: 08 November 2024



#### Certification Body

Connectivity & Products, a division of SGS North America Inc.  
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**Certificate Project Number:** GZ-CERT231103407

**Technical Data:**

**SPZ 7.5KW-ESS**

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 Project Number:** 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(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), 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(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), 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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