

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/23/GZ/00338

Contract Number: 802272
Certificate Project Number: GZ-CERT231103407

Certified Product: Home Energy System
Trademarks: Senergy
Model(s): SE 10KHB-210-T2/UL, SE 8KHB-180-T2/UL, SE 7K6HB-180-T2/UL, SE 6KHB-130-D2/UL, SE 5KHB-130-D2/UL

Technical Data:
SE 10KHB-210-T2/UL
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), 52.9A 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), 52.9A 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), 65.3A max., 15kW Rated, 60Hz;
Battery Side (dc): 44.8-58.4V, 210A/210A (Charging/Discharging);
Max. Energy storage capacity: 30.72kWh
Part I: SE 10KHB-210-T2/UL (Grid Support Utility Interactive Inverter)
Part II: PLPA-L1-10K2 (Li-ion Battery)
Other see page 2-3

Certificate Holder: Shenzhen Senergy Technology Co., Ltd.
Block D, BC Park, No. 18, Xiusha Road, Shatian Kengzi Sub-district, Pingshan District, Shenzhen, 518112, China

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. 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:

Effective date: 04 January 2024

Jason Wei
Certifier



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

Certificate Number: SGSNA/23/GZ/00338

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Technical Data:

SE 8KHB-180-T2/UL
 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), 42.4A 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), 42.4A 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
 Part I: SE 8KHB-180-T2/UL (Grid Support Utility Interactive Inverter)
 Part II: PLPA-L1-10K2 (Li-ion Battery)

SE 7K6HB-180-T2/UL
 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), 40.4A 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), 40.4A 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
 Part I: SE 7K6HB-180-T2/UL (Grid Support Utility Interactive Inverter)
 Part II: PLPA-L1-10K2 (Li-ion Battery)

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Contract Number: 802272
Certificate Project Number: GZ-CERT231103407

Technical Data:

SE 6KHB-130-D2/UL
 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), 31.8A 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), 31.8A 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
 Part I: SE 6KHB-130-D2/UL (Grid Support Utility Interactive Inverter)
 Part II: PLPA-L1-10K2 (Li-ion Battery)

SE 5KHB-130-D2/UL
 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), 26.5A max., 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), 26.5A 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
 Part I: SE 5KHB-130-D2/UL (Grid Support Utility Interactive Inverter)
 Part II: PLPA-L1-10K2, (Li-ion Battery)

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