

# 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](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:

Effective date: 01 December 2023

Jason Wei  
Certifier



**Certification Body**

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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)

**Certification Body**

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**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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