



A P P R O V A L S ®

## Certificate of Suitability

**Certificate No.:** SAA191627

**Certificate Holder:** SHENZHEN WAET Techonology Co., Ltd  
101-102 Block A Fuyu residence, Pankeng road (No,108 Qinde road), Second Industrial Zone, Baihua Community Guangming District, Shenzhen,P.R.China

**Regulatory Definition:** Non-Prescribed  
**Product Description:** Hybrid Inverter  
**Trade Name/s:** WAET  
**Model No.:** See Page 2.  
**Rating/Marking/s:** See Page 2.

**Standard/s:** IEC 62109-1 Ed. 1.0  
IEC 62109-2 Ed. 1.0  
AS/NZS 4777.2:2020 Inc A1  
AS IEC 62477.1:2016

**Condition/s:** Nil

**Approval Marks:** RCM (In accordance with AS/NZS 4417 and EESS requirements)  
and  
SAA191627

**Initial Issue Date:** 8 July 2019  
**Expiry Date:** 8 July 2024

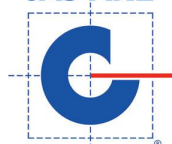
For and on Behalf of  
SAA Approvals Pty Ltd

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## Certificate of Suitability

Additional Models	Trade Name	Rating/Marking
MIN 6000TL-XH	WAET	PV Input: Vmax PV: 550Vdc Max MPPT Voltage: 70-550Vdc Current: 13.5A x2 Isc PV: 16.9A x2 Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC input: 230Vac 50/60Hz 22.7A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 6000VA Rated Output Current: 27.2A Protective Class: Class I Overvoltage Category: PV II, Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0
MIN 2500TL-XH	WAET	PV Input: Vmax PV: 500Vdc Max MPPT Voltage: 70-500Vdc Current: 13.5A x2 Isc PV: 16.9A x2 Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC Input: 230Vac 50/60Hz 11.3A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 2500VA Rated Output Current: 11.3A Protective Class: Class I Overvoltage Category: PV II, Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0

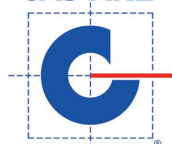
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# Certificate of Suitability

**Additional Models**

**Trade Name**

**Rating/Marking**

MIN 3000TL-XH

WAET

PV Input:  
Vmax PV: 500Vdc Max  
MPPT Voltage: 70-500Vdc  
Current: 13.5A x2  
Isc PV: 16.9A x2  
Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max  
AC Input: 230Vac 50/60Hz 13.6A 0.8 to 0.8 p.f.  
AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f.  
Rated Apparent Power: 3000VA  
Rated Output Current: 13.6A  
Protective Class: Class I  
Overvoltage Category: PV II, Bat: II, AC: III, Others: I  
Topology: Non-isolated  
Ingress Protection: IP65  
Operating Temperature Range: -25°C to +60°C  
Software Version: AL1.0  
Hardware Version: V1.0

MIN 3600TL-XH

WAET

PV Input:  
Vmax PV: 550Vdc Max  
MPPT Voltage: 70-550Vdc  
Current: 13.5A x2  
Isc PV: 16.9A x2  
Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max  
AC Input: 230Vac 50/60Hz 16A 0.8 to 0.8 p.f.  
AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f.  
Rated Apparent Power: 3600VA  
Rated Output Current: 16A  
Protective Class: Class I  
Overvoltage Category: PV II, Bat: II, AC: III, Others: I  
Topology: Non-isolated  
Ingress Protection: IP65  
Operating Temperature Range: -25°C to +60°C  
Software Version: AL1.0  
Hardware Version: V1.0

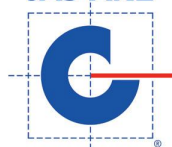
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# Certificate of Suitability

**Additional Models**

**Trade Name**

**Rating/Marking**

MIN 4200TL-XH

WAET

PV Input:  
Vmax PV: 550Vdc Max  
MPPT Voltage: 70-550Vdc  
Current: 13.5A x2  
Isc PV: 16.9A x2  
Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max  
AC Input: 230Vac 50/60Hz 19A 0.8 to 0.8 p.f.  
AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f.  
Rated Apparent Power: 4200VA  
Rated Output Current: 19A  
Protective Class: Class I  
Overvoltage Category: PV II, Bat: II, AC: III, Others: I  
Topology: Non-isolated  
Ingress Protection: IP65  
Operating Temperature Range: -25°C to +60°C  
Software Version: AL1.0  
Hardware Version: V1.0

MIN 4600TL-XH

WAET

PV Input:  
Vmax PV: 550Vdc Max  
MPPT Voltage: 70-550Vdc  
Current: 13.5A x2  
Isc PV: 16.9A x2  
Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max  
AC Input: 230Vac 50/60Hz 20.9A 0.8 to 0.8 p.f.  
AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f.  
Rated Apparent Power: 4600VA  
Rated Output Current: 20.9A  
Protective Class: Class I  
Overvoltage Category: PV II, Bat: II, AC: III, Others: I  
Topology: Non-isolated  
Ingress Protection: IP65  
Operating Temperature Range: -25°C to +60°C  
Software Version: AL1.0  
Hardware Version: V1.0

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MIN 5000TL-XH	WAET	PV Input: Vmax PV: 550Vdc Max MPPT Voltage: 70-550Vdc Current: 13.5A x2 Isc PV: 16.9A x2 Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC Input: 230Vac 50/60Hz 22.7A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 5000VA Rated Output Current: 22.7A Protective Class: Class I Overvoltage Category: PV II, Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0
MIN 6000TL-XA	WAET	Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC input: 230Vac 50/60Hz 22.7A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 6000VA Rated Output Current: 27.2A Protective Class: Class I Overvoltage Category: Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0

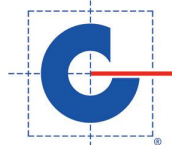
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Additional Models	Trade Name	Rating/Marking
MIN 2500TL-XA	WAET	Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC Input: 230Vac 50/60Hz 11.3A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 2500VA Rated Output Current: 11.3A Protective Class: Class I Overvoltage Category: Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0
MIN 3000TL-XA	WAET	Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC Input: 230Vac 50/60Hz 13.6A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 3000VA Rated Output Current: 13.6A Protective Class: Class I Overvoltage Category: Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0
MIN 3600TL-XA	WAET	Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC Input: 230Vac 50/60Hz 16A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 3600VA Rated Output Current: 16A Protective Class: Class I Overvoltage Category: Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0

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MIN 4200TL-XA	WAET	Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC Input: 230Vac 50/60Hz 19A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 4200VA Rated Output Current: 19A Protective Class: Class I Overvoltage Category: Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0
MIN 4600TL-XA	WAET	Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC Input: 230Vac 50/60Hz 20.9A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 4600VA Rated Output Current: 20.9A Protective Class: Class I Overvoltage Category: Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0
MIN 5000TL-XA	WAET	Battery DC input / output: 550Vdc Max, 360-550Vdc, 17A Max AC Input: 230Vac 50/60Hz 22.7A 0.8 to 0.8 p.f. AC Output: 230Vac 50/60Hz 0.8 to 0.8 p.f. Rated Apparent Power: 5000VA Rated Output Current: 22.7A Protective Class: Class I Overvoltage Category: Bat: II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -25°C to +60°C Software Version: AL1.0 Hardware Version: V1.0

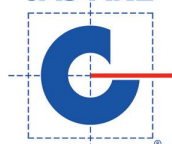
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