



A P P R O V A L S ®

Certificate of Suitability

Certificate No.: SAA230827

Certificate Holder: Ningbo Deye Inverter Technology Co., Ltd.
No.26 South Yong Jiang Road,
Daqi, Beilun, Ningbo,
Zhejiang,
P.R. China

Regulatory Definition: Non-Prescribed

Product Description: Hybrid Inverter

Standard/s: AS/NZS 4777.2:2020 Inc A1
IEC 62109-1:2010
IEC 62109-2:2011

Condition/s: Nil

Approval Marks: RCM (In accordance with AS/NZS 4417 and EESS requirements)
and
SAA230827

Initial Issue Date: 13 December 2023

Expiry Date: 13 December 2028

R.A. Hill

For and on Behalf of
SAA Approvals Pty Ltd

This certificate is issued by SAA Approvals Pty Ltd in accordance with the SAA Approvals Electrical Product Safety Certification Scheme accredited by JAS-ANZ under AS/NZS ISO/IEC 17065 and RECS accreditation under the Queensland Government legislative requirements. SAA certifies the product nominated in this certificate complies with standard/s listed above in accordance with the schemes herein.

For SAA Contact Details and to verify this Certificate go to:

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Certificate of Suitability

Model	Trade Name	Rating/Marking
SUN-3K-SG03LP1-AU	Deye	<p>PV Input Ratings: Vmax PV:500Vdc MPPT Voltage:150-425Vdc Current: 13A Isc PV:19.5A</p> <p>Grid Input Ratings: 230Vac 50Hz 13A 3000W</p> <p>Generator Input Ratings: 230Vac 50Hz 13A 3000W</p> <p>Energy Storage Port Ratings: 40-60Vdc 70A</p> <p>Grid Output Ratings: 230Vac 50Hz 13A 3000W 0.8 to 0.8p.f. Rated Apparent Power: 3000VA Rated Output Current: 13A</p> <p>Load Output Ratings: 230Vac 50Hz 13A 3000W 0.8 to 0.8p.f. Rated Apparent Power: 3000VA Rated Output Current: 13A</p> <p>Protective Class: I Over Voltage Category: DC II; AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -40°C to +60°C Software Version: V2131</p>

R. A. Hill

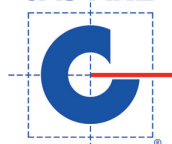
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Model	Trade Name	Rating/Marking
SUN-3.6K-SG03LP1-AU	Deye	<p>PV Input Ratings: Vmax PV:500Vdc MPPT Voltage:150-425Vdc Current: 13A + 13A Isc PV:19.5A + 19.5A</p> <p>Grid Input Ratings: 230Vac 50Hz 15.7A 3600W</p> <p>Generator Input Ratings: 230Vac 50Hz 15.7A 3600W</p> <p>Energy Storage Port Ratings: 40-60Vdc 90A</p> <p>Grid Output Ratings: 230Vac 50Hz 15.7A 3600W 0.8 to 0.8p.f. Rated Apparent Power: 3600VA Rated Output Current: 15.7A</p> <p>Load Output Ratings: 230Vac 50Hz 15.7A 3600W 0.8 to 0.8p.f. Rated Apparent Power: 3600VA Rated Output Current: 15.7A</p> <p>Protective Class: I Over Voltage Category: DC II; AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -40°C to +60°C Software Version: V2131</p>

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Model	Trade Name	Rating/Marking
SUN-5K-SG03LP1-AU	Deye	<p>PV Input Ratings: Vmax PV:500Vdc MPPT Voltage:150-425Vdc Current: 13A + 13A Isc PV:19.5A + 19.5A</p> <p>Grid Input Ratings: 230Vac 50Hz 21.7A 5000W</p> <p>Generator Input Ratings: 230Vac 50Hz 21.7A 5000W</p> <p>Energy Storage Port Ratings: 40-60Vdc 120A</p> <p>Grid Output Ratings: 230Vac 50Hz 21.7A 5000W 0.8 to 0.8p.f. Rated Apparent Power: 5000VA Rated Output Current: 21.7A</p> <p>Load Output Ratings: 230Vac 50Hz 21.7A 5000W 0.8 to 0.8p.f. Rated Apparent Power: 5000VA Rated Output Current: 21.7A</p> <p>Protective Class: I Over Voltage Category: DC II; AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -40°C to +60°C Software Version: V2131</p>

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Model	Trade Name	Rating/Marking
SUN-6K-SG03LP1-AU	Deye	<p>PV Input Ratings: Vmax PV:500Vdc MPPT Voltage:150-425Vdc Current: 13A + 13A Isc PV:19.5A + 19.5A</p> <p>Grid Input Ratings: 230Vac 50Hz 26.1A 6000W</p> <p>Generator Input Ratings: 230Vac 50Hz 26.1A 6000W</p> <p>Energy Storage Port Ratings: 40-60Vdc 135A</p> <p>Grid Output Ratings: 230Vac 50Hz 26.1A 6000W 0.8 to 0.8p.f. Rated Apparent Power: 6000VA Rated Output Current: 26.1A</p> <p>Load Output Ratings: 230Vac 50Hz 26.1A 6000W 0.8 to 0.8p.f. Rated Apparent Power: 6000VA Rated Output Current: 26.1A</p> <p>Protective Class: I Over Voltage Category: DC II; AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -40°C to +60°C Software Version: V2131</p>

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