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Sungrow 30kw inverter manual

The Gen-2 three-phase inverter line-up includes five variants – 5 kW, 7 kW, 10 kW, 15 kW and 20 kW. The range includes Arc Fault Circuit Interrupter (AFCI), real-time monitoring, a wide MPPT voltage range and a fully compliant built-in DC Switch which the manufacturers claim “enables easier installation and significant cost-savings”. Efficiency is reasonable with a rate of 97.40% and a maximum of 98.40% for the SG5.0RT unit ranging up to 98.10% with a maximum of 98.50% for the SG20RT model. It is worth noting the rates included on the data sheet are the European weighted efficiency rates. The inverters’ 16 A input current and 25 A short circuit current should satisfy most residential installations while the start-up and MPPT voltage range (180 v – 1000 v) is notable with Sungrow indicating it will translate to higher system yield. Also worth noting is that it is possible to connect an uneven amount of strings to the MPPT trackers on the SG7.0RT and SG10RT models which will provide for flexibility. zgluj.pdf The THD (<3% at nominal power) and power factor (>0.99/0.8 leading 0.8 lagging) are just as they are for most other inverters. The Gen-2 inverters come with a comprehensive list of protection mechanisms including an AFCI which Sungrow says substantially reduces the risk of electrical fires. They also include Smart IV Scan and real-time monitoring for quick fault location and troubleshooting, built-in Type II DC and AC surge protection, DC reverse connection protection, AC short-circuit protection and current leakage protection. The inverters weigh in from 18-21kg and measure 370mm wide, 480mm high and 195mm deep. Warranty 10 Years Home / Inverter / Three-phase inverter / SUNGROW SG110CX Three-Phase Inverter Sungrow’s state-of-the-art commercial solutions offer a long lifetime through smart active cooling technology and high network and system protection. Smart O&M control makes operating simple and the devices impress with their high weathering and corrosion resistance (IP66 and C5 corrosion protection). Commercial solutions are available between 10-250 kW. Downloads Datasheet SG110CX Datasheet IT SG110CX Quick Installation Guide SG110CX V13_EN User manual SG110CX Ver10 201905 SG110CX CEI 0-16 Sungrow Inverters Limited Warranty V1.4 201901 Related offers Offers for Sungrow Related projects Related SunGrow 36kW 3 Phase String Inverter, SG36CX-US Sungrow Power Supply Co., Ltd (“Sungrow”) is the world’s most bankable inverter brand with over 120+ GW installed worldwide as of December 2019. Founded in 1997 by University Professor Cao Renxian, Sungrow is a leader in the research and development of solar inverters with the largest dedicated R&D team in the industry and a broad product portfolio offering PV inverter solutions and energy storage systems for utility-scale, commercial, and residential applications, as well as internationally recognized floating PV plant solutions. With a strong 23-track record in the PV space, Sungrow products power installations in over 60 countries, maintaining a worldwide market share of over 15%. Learn more about Sungrow by visiting www.us.sungrowpower.com Features: 4 MPPTs, high efficiency Bifacial module compatible, high DC :AC Vertical or horizontal installation Direct fuse-less input Continuous AC Power Output