



THREE PHASE ON-GRID INVERTER

ASN-3/3.6/5/6/8/10/12TL



EFFICIENCY

- Maximum efficiency 98.6%
- Dual MPPT inputs design with precise MPPT algorithm



INTELLIGENCE

- Support 1.1 times overload to increase power generation
- Self-adaptive to complex power grids to improve power generation revenue



USER-FRIENDLY

- Friendly and adaptable connection to the grid
- Small size, light weight
- Easy installation and maintenance

	ASN-3TL	ASN-3.6TL	ASN-4TL	ASN-5TL	ASN-6TL	ASN-8TL	ASN-10TL	ASN-12TL
INPUT DC								
Max. Input Voltage							1100V	
Rated Voltage							620V	
Start-Up Voltage							180V	
MPPT Voltage Range							140~1000V	
Max. Input Current							15A/15A	
Max. Short Circuit Current							20A/20A	
MPPT Number							2	
Max. Input Strings Number							2	
OUTPUT AC								
Rated Output Power	3kW	3.6kW	4kW	5kW	6kW	8kW	10kW	12kW
Max. Apparent Output Power	3.3kVA	3.96kVA	4.4kVA	5.5kVA	6.6kVA	8.8kVA	11kVA	13.2kVA
Max. Output Power	3.3kW	3.96kW	4.4kW	5.5kW	6.6kW	8.8kW	11kW	13.2kW
Rated Grid Voltage							3W/N/PE, 400V	
Rated Grid Frequency							50Hz/60Hz	
Rated Grid Output Current	4.4A	5.2A	5.8A	7.3A	8.7A	11.6A	14.5A	17.4A
Max. Output Current	4.8A	5.8A	6.4A	8.0A	9.6A	12.8A	16.0A	19.2A
Power Factor							>0.99(0.8Leading~0.8Lagging)	
THDi							<3%	
EFFICIENCY								
Max. Efficiency							98.4%	98.6%
EU Effciency							97.5%	98.0%
PROTECTION								
Integrated DC Switch							Yes	
DC Reverse-polarity Protection							Yes	
Anti-Islanding Protection							Yes	
Short Circuit Protection							Yes	
Output Over Current Protection							Yes	
DC Surge Protection							Yes	
AC Surge Protection							Yes	
Insulation Impedance Detection							Yes	
Residual Leakage Current							Yes	
Integrated PID Recovery							Optional	
GENERAL DATA								
Dimensions(W*H*D)							380*483*161mm	
Weight							16Kg	
Self Consumption(night)							<2W	
Operating Temperature Range							-25°C ~ +60°C	
Cooling Concept							Natural Cooling	
Max. Operation Altitude							4000m (>3000m Derating)	
Relative Humidity							0~100%	
Ingress Protection							IP66	
Topology Structure							Transformerless	
DISPLAY&COMMUNICATION								
Display							LCD	
Communication Interface							RS485,Optional:WIFI/4G	