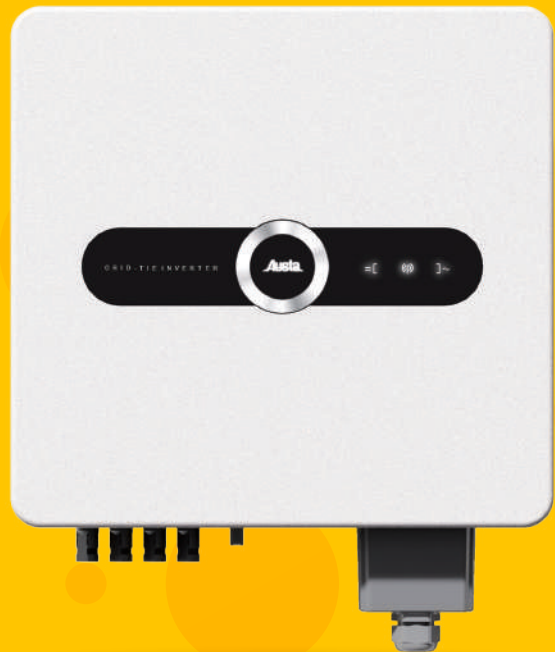


austaⁱ



● On Grid Inverter-1phase

AU3/4/5/6/8/10K1P

**Max.
1.5** Max. 1.5 Times PV Oversize
Capacity

 Wi-Fi Standard
Ethernet/GPRS Optional

 Multiple Intelligent Protection

 Quick & Easy Config. via Wi-Fi

Technical Specification

	AU3KIP	AU4KIP	AU5KIP	AU6KIP	AU8KIP	AU10KIP
PV INPUT						
Max. DC Input Power [W]	4500	6000	7500	9000	12000	15000
Max. DC Input Voltage [V]	550					
Max. DC Input Current [A]	18	18/18	18/18	18/18	20/26	20/30
Max. Short Circuit Current [A]	22.5	22.5/22.5	22.5/22.5	22.5/22.5	25/32.5	22.5/37.5
MPPT Voltage Range [V]	80-550					
Rated DC Input Voltage [V]	360					
Number of MPP trackers	1					2
Strings Per MPP Tracker			1	1/2		
AC OUTPUT						
Rated Output Power [W]	3000	4000	5000	6000	8000	10000
Max. Output Power [V]	3300	4400	5500	6600	8800	11000
Max. Output Current [A]	15	20	25	27.3	36.4	45.5
Rated Grid Voltage [V]	220/230					
Grid Voltage Range [V]	160-270 (adjustable)					
Rated Grid Frequency [Hz]	50/60					
Grid Frequency Range [Hz]	45-55/55-65					
THDi	<2% (Under the rated power)					
Power Factor	>0.99 (Under the rated power) /Adjustable range: 0.8 leading~0.8 lagging					
DC Current Injection	<0.5% (Under the rated power)					
EFFICIENCY						
Max. Efficiency	98%	98.1%	98.1%	98.1%	98.1%	98.1%
Euro. Efficiency	97.5%	97.5%	97.5%	97.5%	97.5%	97.6%
PROTECTION						
DC Reverse-Polarity Protection	Yes					
Short Circuit Protection	Yes					
Output Over Current Protection	Yes					
Output Over Voltage Protection	Yes					
Insulation Resistance Monitoring	Yes					
Residual Current Detection	Yes					
Surge Protection	Yes					
Grid Monitoring	Yes					
Islanding Protection	Yes					
Temperature Protection	Yes					
Integrated DC Switch	Optional					
OTHERS						
Operating Temperature Range [°C]	-25~+60					
Humidity Range	0-100% non-condensing					
Operating Altitude [m]	< 4000					
Ingress Protection	IP66					
Power Consumption At Night [W]	< 1					
Display	LED indication / LCD display (Optional)					
Communication Interface	Wifi/RS485/GPRS(optional)					
Cooling Method	Intelligent forced air cooling					
Dimensions (WxHxD) [mm]	347*368*167				347*368*190	
Weight [Kg]	10				11	
Loading Data [pc]	384\40HQ 140\20GP					
Warranty	5 years					
STANDARD						
EN/IEC 62109-1/2, EN/IEC 61000, EN50549,IEC61727/62116/61683						

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