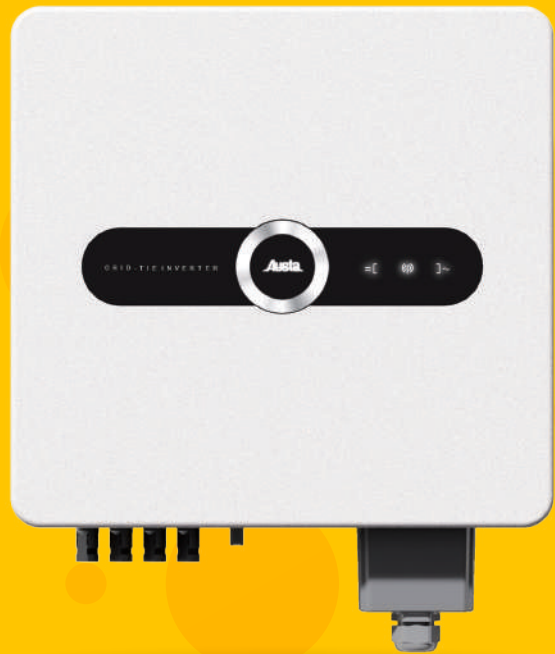


# austa<sup>i</sup>



## ● On Grid Inverter-3phase

AU6/8/10/12/15/17K3P

**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

	AU6K3P	AU8K3P	AU10K3P	AU12K3P	AU15K3P	AU17K3P
<b>PV INPUT</b>						
Max. DC Input Power [W]	9000	12000	15000	18000	22500	25500
Max. DC Input Voltage [V]	1100					
Max. DC Input Current [A]	18/18			18/30		
Max. Short Circuit Current [A]	23/23			23/37.5		
MPPT Voltage Range [V]	180-1000					
Rated DC Input Voltage [V]	650					
Number of MPP trackers	2					
Strings Per MPP Tracker	1			1/2		
<b>AC OUTPUT</b>						
Rated Output Power [W]	6000	8000	10000	12000	15000	17000
Max. Output Power [V]	6600	8800	11000	13200	16500	18700
Max. Output Current [A]	10	13.3	16.7	20	24	28.3
Rated Grid Voltage [V]	400					
Grid Voltage Range [V]	310-480 (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)					
<b>EFFICIENCY</b>						
Max. Efficiency	98.5%	98.5%	98.6%		98.7%	
Euro. Efficiency	97.9%	98%	98.2%	98.1%	98.2%	98.2%
<b>PROTECTION</b>						
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	Yes					
<b>OTHERS</b>						
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/LCD/(optional)					
Communication Interface	Wifi/RS485/GPRS(optional)					
Cooling Method	Intelligent forced air cooling					
Dimensions (WxHxD) [mm]	427*439*212					
Weight [Kg]	18					
Loading Data [pc]	384\40HQ 140\20GP					
Warranty	5 years					
<b>STANDARD</b>						
EN/IEC 62109-1/2, EN/IEC 61000, EN50549,IEC61727/62116/61683						

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