

# austa<sup>i</sup>



## ● On Grid Inverter-3phase

AU50/60K3P AU70/75K3P-HV

**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

	AU50K3P	AU60K3P	AU70K3P-HV	AU75K3P-HV
<b>PV INPUT</b>				
Max. DC Input Power [W]	75000	90000	105000	112500
Max. DC Input Voltage [V]			1100	
Max. DC Input Current [A]			45/45/45	
Max. Short Circuit Current [A]			56/56/56	
MPPT Voltage Range [V]			250-1000	
Rated DC Input Voltage [V]	650			740
Number of MPP trackers			3	
Strings Per MPP Tracker	3			4
<b>AC OUTPUT</b>				
Rated Output Power [W]	50000	60000	70000	75000
Max. Output Power [V]	55000	66000	77000	82500
Max. Output Current [A]	80	96	89	95
Rated Grid Voltage [V]	400			500
Grid Voltage Range [V]	310-480 (adjustable)			422-550 (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	98.7%	98.9%		99%
Euro. Efficiency	98.3%		98.5%	
<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 indicator /LCD displayer (optional)	
Communication Interface			Wifi/RS485/GPRS(optional)	
Cooling Method			Intelligent forced air cooling	
Dimensions (WxHxD) [mm]			681*660*282	
Weight [Kg]			47	
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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