

Technical Data	Austa-1P1K1G	Austa-1P2K1G	Austa-1P3K1G
Energy source	Grid-connected PV		
<b>Input Side</b>			
Max.DC Input Power(kW)	1.3	2.6	3.9
Max.DC Input Voltage(V)	500	500	500
Start-up DC Input Voltage(V)	80	120	120
MPPT Operating Range(V)	70-500	100-500	100-500
Max.DC Input Current(A)	13	13	13
Number of MPPT/String per MPPT	1/1	1/1	1/1
<b>OutPut Side</b>			
Rated Output Power(kW)	1	2	3
Max.Active Power(kW)	1.1	2.2	3.3
Rated AC Grid Voltage(V)	230	230	230
AC Grid Voltage Range(V)	160-300	160-300	160-300
Rated Grid Frequency(Hz)	50/60(Optional)	50/60(Optional)	50/60(Optional)
Operating Phase	Single phase	Single phase	Single phase
Rated AC Grid Output Current(A)	4.3	8.7	13.1
Max.AC Output Current(A)	4.7	9.6	14
Output Power Factor	0.8 leading to 0.8 lagging		
Grid Current THD	<3%	<3%	<3%
DC Injection Current(mA)	<0.5%	<0.5%	<0.5%
Grid Frequency Range	47-52 or 57-62(Optional)	47-52 or 57-62(Optional)	47-52 or 57-62(Optional)
<b>Efficiency</b>			
Max.Efficiency	97.3%	97.3%	97.5%
Euro Efficiency	97.1%	97.1%	97.3%
MPPT Efficiency	>99%	>99%	>99%
<b>Protection</b>			
Anti-islanding Protection	Integrated		
DC Reverse-Polarity Protection	Integrated		
DC Surge Protection	Integrated(Type II)		
AC Surge Protection	Integrated(Type II)		
AC Short Circuit Protection	Integrated		
AC Output Overcurrent Protection	Integrated		
Output Overvoltage Protection	Integrated		
AC Grid Monitoring	Integrated		
Ground Fault Monitoring	Integrated		
Insulation Resistance Protection	Integrated		
Residual Current Monitoring Unit	Integrated		
Temperature Protection	Integrated		
Integrated DC Switch	Optional		
<b>General Data</b>			
Size(mm)	330W*310H*115D		
Weight(kg)	6		
Topology	Transformerless		
Internal Consumption	<1W(Night)		
Running Temperature	-25-60°C		
Ingress Protection	IP65		
Noise Emission(Typical)	<30dB		
Cooling Concept	Intelligent cooling		
Max.Operating Altitude Without Derating	2000m		
Designed lifetime	>20years		
Operating Surroundings Humidity	0-100%		
<b>Features</b>			
DC Connection	MC-4 mateable		
AC Connection	IP65 rated plug		
Display	LCD1602		
Interface	RS485/RS232		
<b>Certifications&amp;Standards</b>			
Grid Regulation	IEC61727/62116/60068/61683	IEC61727/62116/60068/61683	IEC61727/62116/60068/61683 /INMETRO(ABNTNBR16149/16150)
Safety Regulation	IEC/EN62109-1/2		
EMC Regulation	/		