

# Three Phase

Austa-3P60K1G    Austa-3P75K1G  
 Austa-3P70K1G    Austa-3P80K1G

## Renewable energy for all the world



### Product features

- The highest efficiency is 98.9%
- 4 MPPT
- RS232/RS485 Interface
- IP65 Ingress Protection
- High Surge Endurance
- High Power Factor
- Zero Export Function

### Wisdom networking

- Remote upgrade software/set parameters
- APP monitoring power station
- Fault diagnosis

Technical Data	Austa-3P60K1G	Austa-3P70K1G	Austa-3P75K1G	Austa-3P80K1G
Energy source	Grid-connected PV			
<b>Input Side</b>				
Max.DC Input Power(kW)	78	91	97.5	100
Max.DC Input Voltage(V)	1000	1000	1000	1000
Start-up DC Input Voltage(V)	250	250	250	250
MPPT Operating Range(V)	200-850	200-850	200-850	200-850
Max.DC Input Current(A)	39+39+39+39	56+56+56+56	56+56+56+56	56+56+56+56
Number of MPPT/String per MPPT	4/3	4/4	4/4	4/4
<b>OutPut Side</b>				
Rated Output Power(kW)	60	70	75	80
Max.Active Power(kW)	66	77	82.5	88
Rated AC Grid Voltage(V)	380/400	380/400	380/400	380/400
AC Grid Voltage Range(V)	277-460	277-460	277-460	277-460
Rated Grid Frequency(Hz)	50/60(Optional)	50/60(Optional)	50/60(Optional)	50/60(Optional)
Operating Phase	Three phase	Three phase	Three phase	Three phase
Rated AC Grid Output Current(A)	87.8	101.5	108.7	115.9
Max.AC Output Current(A)	95.7	111.6	119.6	127.5
Output Power Factor	0.8 leading to 0.8 lagging			
Grid Current THD	<3%	<3%	<3%	<3%
DC Injection Current(mA)	<0.5%	<0.5%	<0.5%	<0.5%
Grid Frequency Range	47-52/57-62(Optional)			
<b>Efficiency</b>				
Max.Efficiency	98.9%	98.9%	98.9%	98.9%
Euro Efficiency	98.3%	98.3%	98.3%	98.3%
MPPT Efficiency	>99%	>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)	700W*575H*297D			
Weight(kg)	60			
Topology	Transformeless			
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	IEC61727/62116/60068/61683/50549			
Safety Regulation	IEC/EN62109-1/2			
EMC Regulation	IEC/EN61000-6-1/61000-6-3/61000-6-4			