



# Grid-Tied Inverter

17kW 3P ON-GRID

IP66  
Ingress  
Protection

Solid materials,  
high reliability

Wide grid  
connection  
conditions

Dual MPPT

High Efficiency

- ✓ 5 years replacement
- ✓ 5 years repair warranty



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Model	IGT-17KTA
<b>Efficiency</b>	
MPPT Tracking Efficiency	99.9%
Max. Conversion Efficiency (PV)	98.7%
European Efficiency	98.2%
<b>PV String Input</b>	
Max. PV Input Power	22100W
Max. DC Input Voltage	1100V
MPPT Voltage Range	180V-1000V
Max. Input Current	18A/30A
Number of MPPT Trackers	2
Max. Input Strings Number per MPPT	1/2
<b>AC Output</b>	
Rated Output Power	17000W
Max. Output Apparent Power	18700VA
Nominal Output Voltage	230/400VAC
Max. Output Current	28.3A
Output Voltage Range	180~280VAC (L-N)
Rated Frequency	50/60Hz
Output Frequency Range	45~65Hz
Power Factor	>0.99
Power Factor Adjustment Range	0.8 Leading to 0.8 Lagging
Total Current Harmonic Distortion	<2%
<b>General</b>	
Ingress Protection	IP66
Dimensions D*W*H (mm)	204*450*427
Net Weight (kg)	17.3
Operating Temperature Range	-25~60°C, >45°C Power Derating
Max. Operating Altitude	4000m
Noise	< 45dB
Power Consumption At Night	<1W
Cooling Method	Intelligent Fan Cooling
Communication	WiFi/RS485
Authentication Level	IEC62109-1, IEC62109-2, IEC61683, IEC62116, IEC61727
<b>Protection</b>	
PV Reverse-Polarity Protection	Yes
Insulation Impedance Detection	Yes
Residual Current Monitoring	Yes
Grid Monitoring	Yes
Overvoltage Protection	Yes
Overload Protection	Yes
Short Circuit Protection	Yes
Over Temperature Protection	Yes
Surge Protection	DC: Typell, AC: Typell