

# THREE PHASE COMMERCIAL & INDUSTRIAL SERIES ON-GRID INVERTER DATASHEET

GT 60K-3P | GT 70K-3P  
GT 75K-3P | GT 80K-3P



10 Years Warranty



Easy to Service



Anti-PID function (Optional)



String intelligent monitoring (optional)



Zero Export & VSG Application



4 MPP trackers, Max. efficiency up to 98.7%



Wide Output Voltage Range



Type II DC/AC SPD



[www.bajajpowersolar.com](http://www.bajajpowersolar.com)



[business@bajajpowersolar.com](mailto:business@bajajpowersolar.com)

# Technical Data

MODEL	GT 60K-3P	GT 70K-3P	GT 75K-3P	GT 80K-3P
<b>PV String Input Data</b>				
Max. PV Input Power (kW)	90	105	112.5	120
Max. PV Input Voltage (V)	1100			
Start-up Voltage (V)	250			
MPPT Voltage Range (V)	200-1000			
Rated PV Input Voltage (V)	600		720	
Max. Operating PV Input Current (A)	40+40+40+40			
Max. Input Short Circuit Current (A)	60+60+60+60			
No. of MPP Trackers/ No. of Strings MPP Tracker	4/3+3+3+3		4/4+4+4+4	
<b>AC Output Side</b>				
Rated AC Output Active Power (kW)	60	70	75	80
Max. AC Output Apparent Power (kVA)	66	77	82.5	88
Rated AC Output Current (A)	90.9/87	106.1/101.5	113.6/108.7	121.2/115.9
Max. AC Output Current (A)	100/95.7	116.7/111.6	125/119.6	133.3/127.5
Rated Output Voltage/Range (V)	220/380V, 230/400V 0.85Un-1.1Un			
Grid Connection Form	3L/N/PE			
Rated Output Grid Frequency/Range(Hz)	50/45-55, 60/55-65			
Power Factor Adjustment Range	0.8 leading to 0.8 lagging			
Total Current Harmonic Distortion THDi	<3%			
DC Injection Current	<0.5%In			
<b>Efficiency</b>				
Max. Efficiency	98.6%	98.7%		
Euro Efficiency	98.0%	98.1%		
MPPT Efficiency	>99%			
<b>Equipment Protection</b>				
DC Reverse Polarity Protection	Yes			
AC Output Overcurrent Protection	Yes			
AC Output Overvoltage Protection	Yes			
AC Output Short Circuit Protection	Yes			
Thermal Protection	Yes			
Insulation Impedance Detection	Yes			
DC Component Monitoring	Yes			
Arc Fault Circuit Interrupter (AFCI)	Optional			
Anti-islanding Protection	Yes			
Residual Current Detection	Yes			
Surge Protection Level	Type II (DC), Type II (AC)			
DC Switch	Yes			
<b>Interface</b>				
Communication Interface	RS485/RS232			
Monitor Mode	GPRS/WIFI/Bluetooth/4G/LAN (optional)			
<b>General Data</b>				
Operating Temperature Range (°C)	-25 to +60°C, >45°C Derating			
Permissible Ambient Humidity	0-100%			
Permissible Altitude (m)	4000m			
Noise (dB)	≤55			
Ingress Protection (IP) Rating	IP 65			
Inverter Topology	Non-Isolated			
Over Voltage Category	OVC II (DC), OVC III (AC)			
Cabinet Size (WxHxD mm)	698×613×236.5 (Excluding Connectors and Brackets)			
Weight (kg)	53.7			
Type of Cooling	Intelligent Air Cooling			
Grid Regulation	IEC 61727, IEC 62116, CEI 0-21, EN 50549, NRS 097, RD 140, UNE 217002, OVE-Richtlinie R25, G99, VDE-AR-N 4105			
Safety EMC/Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2			

\*Due to continuous product innovation, dimensions and weight may differ from the datasheet.