

PV Input Data	BNT017KTA
Max. DC Power (W)	25500
Max. DC Voltage (V)	750
MPPT Voltage Range (V)	200 - 700
MPPT Full Power Voltage Range (V)	310 - 600
Rated Input Voltage (V)	400
Start-up Voltage (V)	150
Max. Input Current (A)	38 x 2
Max. Short Current (A)	48 x 2
No. of MPP Tracker / No. of PV String	2 / 5
Input Connector Type	MC4
AC Output Data	BNT017KTA
Max. Output Power (W)	18700
Nominal Output Power (W)	17000
Max. Output Current (A)	48
Nominal Output Voltage (V)	3P+N+PE / 3P+PE 133/230
Grid Voltage Range	180-260Vac (According to local standard)
Nominal Output Frequency (Hz)	50/60
Grid Frequency Range	45-55 / 55-65Hz (According to local standard)
Output Power Factor	1 default (adjustable from 0.8 leading to 0.8 lagging)
Output Current THD	<3%
Efficiency	BNT017KTA
Max. Efficiency	98.40%
Euro Efficiency	98.00%
Protection	BNT017KTA
PV Reverse Polarity Protection	YES
PV Insulation Resistance Detection	YES
AC Short Circuit Protection	YES
AC Over Current Protection	YES
AC Over Voltage Protection	YES
Anti-Islanding Protection	YES
Residual Current Detection	YES
Over Temperature Protection	YES
Integrated DC switch	YES
Surge Protection	Integrated (Type II)
General Data	BNT017KTA
Dimensions (W x H x D, mm)	450 x 485 x 210
Weight (kg)	26
Protection Degree	IP65
Enclosure Material	Aluminum
Ambient Temperature Range (°C)	-25 - +60
Humidity Range	0-100 %
Topology	Transformerless
Communication Interface	RS485 / WiFi / Wire Ethernet / GPRS (optional)
Cooling Concept	Intelligent Fan Cooling
Noise Emission (db)	<51
Night Power Consumption (W)	<1
Max. Operation Altitude (m)	2000
Certifications and Standards	BNT017KTA
EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12
Safety Standard	IEC 60068, UL1741, EN62109
Grid-connection	IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727