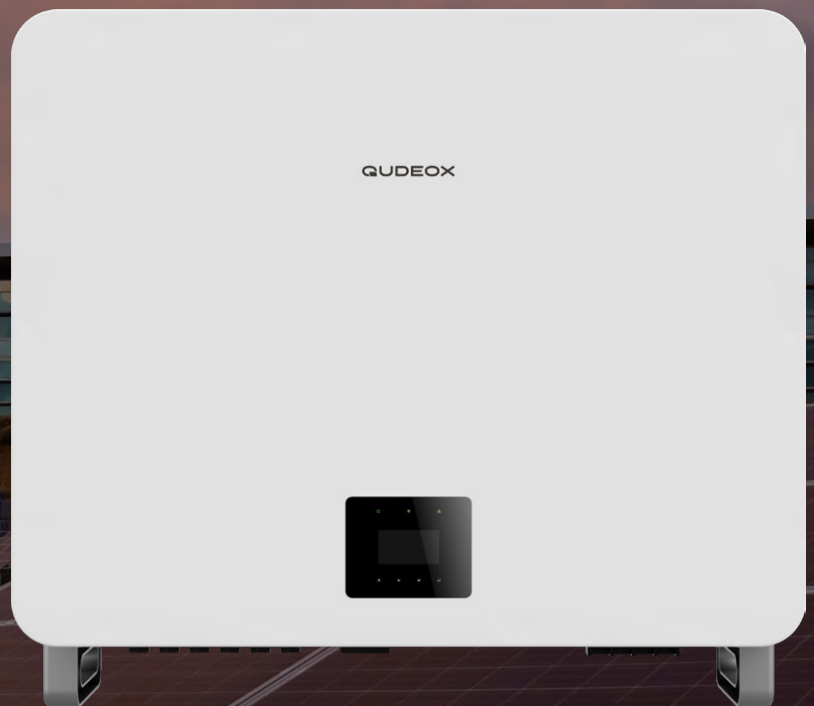


GUDEOX

QG-T60~80K Three-phase Ongrid Inverter

60kW / 70kW / 80kW



Efficient and reliable

Fanless design to prolong lifespan with full auto-protection
AFCI protection, proactively reduces fire risk



User friendly

Color LED display with intuitive multilingual software
Online monitoring via app
Remote control and upgrade function
Night SVG function to decrease the loss of revenue



Easy to install

Pre-wired communication cables for plug and play
Parallel installation of up to 10 units

| **POWERING A SUSTAINABLE WORLD** |

Technical Data

QG-T60K

QG-T70K

QG-T80K

DC input			
Maximum input power	90kWp	105kWp	120kWp
Maximum DC power of MPPT	18kWp/24kWp		
Number of MPPT	6		
Number of PV string	12		
Maximum input voltage	1100V		
Start-up voltage	200V		
Rated voltage	620V		
MPPT voltage range	180V~1000V		
MPPT full power voltage range	500V~850V	550V~850V	
Maximum input current	6x32A		
Maximum short circuit current	6x45A		
AC output			
Rated output power	60kW	70kW	80kW
Maximum output power	66kVA	77kVA	88kVA
Rated output current	90.9A	106.1A	121.2A
Maximum output current	100A	116.7A	133.3A
Nominal output voltage	3P/N/PE, 400Vac		
Grid voltage range	310Vac~480Vac (according to local grid standard)		
Nominal output frequency	50Hz/60Hz		
Grid frequency range	45Hz~55Hz / 54Hz~66Hz (according to the local grid standard)		
Output current THD	< 3%		
Output power factor	1 (-0.8~+0.8 adjustable)		
Performance data			
Maximum efficiency	98.8%	99.0%	
EU efficiency	98.4%		
MPPT efficiency	> 99.9%		
Self-consumption power at night	< 3W		
DC reverse polarity protection	Yes		
DC switch	Yes		
String fault detection	Yes		
Safety protection	Anti-islanding protection, Leakage protection, Ground fault monitoring		
Anti backflow protection	Yes		
AFCI protection	Yes		
PID protection	Yes		
Input/Output SPD	PV: type II, AC: type II		
General data			
Operating temperature	-30°C~60°C		
Operating relative humidity	0%~100%		
Noise emission	≤65dB		
Cooling method	Intelligent redundant fan-cooling		
Maximum working altitude	4000 m		
Display screen	LCD + LED + APP		
Communication interface	RS485/USB, Optional: WiFi/GPRS/4G/PLC		
Warranty	10 years (extendable)		
Ingress protection rating	IP65		
Protective class	Class I		
Weight	52 kg	53 kg	
Dimensions (WxDxH)	687x275x551 mm		
Certifications and standards			
EMC	EN61000-6-1/2/3/4		
Safety standards	IEC/EN 62109-1/2, IEC60255, IEC61140		
Grid connection	CEI 0-21/CEI 0-16		