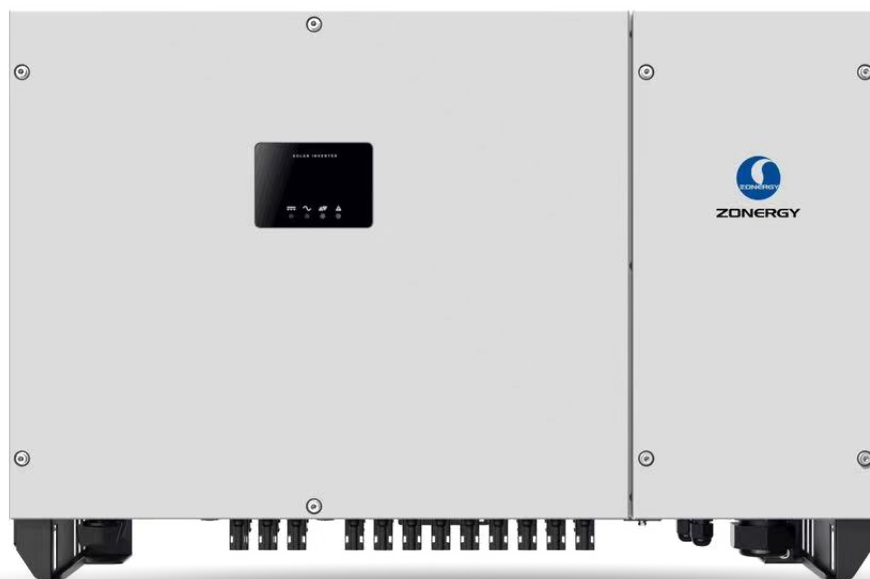


THREE PHASE & QUAD MPPT

Apollo 50/60K-T0

**ZONERGY**

Application: Large-scale Industrial and Commercial Sites



SUPERIOR EFFICIENCY

- Maximum efficiency 99.0%
- String current 13A, compatible with high power modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- Integrated type II DC/AC SPD
- APP for local settings & display
- High quality components use



INTELLIGENT MAINTENANCE

- String level I/V detect(Optional)
- Remote configuration and upgrade
- Supports export control

Model	Appolo 50K-T0		Appolo 60K-T0	
Efficiency				
Max. Efficiency	99.0%		99.0%	
European Efficiency	98.5%		98.5%	
Input(PV)				
Max. Input Voltage	1100V			
Max. PV configuration (STC)	150%			
Rated Input Voltage	620V			
Max. Input Current	130A (39A/39A/26A/26A)		156A (39A/39A/39A/39A)	
Max.Short Circuit Current	150A (45A/45A/30A/30A)		180A (45A/45A/45A/45A)	
Start Input Voltage	250V			
MPPT Operating Voltage Range	200V-1000V			
Max. Number of PV Strings	10 (3/3/2/2)		12 (3/3/3/3)	
No. of MPPTs	4			
Output(Grid)				
Rated AC Active Power	50,000W		60,000W	
Max. AC Apparent Power	55,000VA		66,000VA	
Max. AC Active Power (PF=1)	55,000W		66,000W	
Max. AC Output Current	3*76A		3*92A	
Rated AC Voltage	380V/400V, 3W+N+PE			
AC Voltage Range①	277V-520V (Adjustable)			
Rated Grid Frequency	50Hz / 60Hz			
Grid Frequency Range②	45Hz-55Hz / 55Hz-65Hz (Adjustable)			
THDI	<3% (Rated Power)			
DC Current Injection	<0.5%In			
Power Factor	>0.99 Rated power (Adjustable 0.8 Leading - 0.8Lagging)			
Protection				
DC switch	Support			
Anti-islanding protection	Support			
AC overcurrent protection	Support			
AC short circuit protection	Support			
DC reverse connection	Support			
Surge Arrester	DC Type II / AC Type II			
Insulation detection	Support			
Leakage current protection	Support			
General				
Topology	Transformerless			
IP Rating	IP65			
Night Self Consumption	<1W			
Cooling	Fan cooling			
Operating Temperature Range	-25°C-60°C			
Relative Humidity Range	0-100%			
Max. Operating Altitude	4000m			
Noise	<62dB			
Dimensions (W*H*D)	855mm*555mm*275mm			
Weight	73Kg		74Kg	
HMI & COM				
Display	Wireless & APP+LED, LCD (Optional)			
Communication	RS485, WiFi / GPRS / 4G / LAN (Optional)			
Certification				
Safety	IEC62109-1, IEC62109-2			
Grid Code	VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, UNE 217001, IEC 61727/62116			
Warranty	5 Years			

Remarks : ①②The range of output voltage and frequency may vary depending upon different grid codes.
Specifications are subject to change without advance notice.