

THREE PHASE & DUAL MPPT

ET K10/15TL-3P/2MP, ET K17/20/22/25/30TL-3P/2M

Application: Residential & Small-Medium C&I Use



FEATURE



Superior Performance

- Maximum efficiency of 98.4%.
- Large string current, compatible with large pv modules.
- Wide voltage range, compatible with various power grids • compact for easy installation.



High Reliability

- IP66 protection level for outdoor installation.
- Optional: DC/AC Type II SPD.
- Optional: AFCI function.



Intelligent Maintenance

- Power consumption monitoring.
- Remote configuration and upgrade.
- Quick commissioning via mobile app.
- Multiple I/O and communication configurations.

Technical Specifications

Model	ET K10TL-3P/2MP	ET K15TL-3P/2MP	ET K17TL-3P/2M	ET K20TL-3P/2M	ET K22TL-3P/2M	ET K25TL-3P/2M	ET K30TL-3P/2M
Efficiency							
Max. Efficiency	98.40%						
European Efficiency	97.80%						
Input (PV)							
Max. Input Voltage	1100V						
Max. PV Configuration (STC)	1.5						
Rated Input Voltage	620V						
Max. Input Current	15A/30A			30A/30A			30A/40A
Max.Short Circuit Current	20A/40A			40A/40A			37.5A/50A
Start Input Voltage	180V						
MPPT Operating Voltage Range	160V-1000V						
Max. Number of PV Strings	45293			2/2			
No. of MPPTs	2						
Output (Grid)							
Rated AC Active Power	10,000W	15,000W	17,000W	20,000W	22,000W	25,000W	30,000W
Max. AC Apparent Power	11,000VA	16,500VA	18,700VA	22,000VA	24,200VA	27,500VA	33,000VA
Max. AC Output Current	3*16.8A	3*25.3A	3*28.6A	3*33.7A	3*37A	3*39.8A	3*50.2A
Rated AC Voltage	380V / 400V / 415V, 3W+N+PE						
AC Voltage Range①	260V-510V (Adjustable)						
Rated Grid Frequency	50Hz / 60Hz						
Grid Frequency Range②	45Hz-55Hz / 55Hz-65Hz (Adjustable)						
THDI	<3%@Rated Power						
DC Current Injection	<0.5%@Rated Current						
Power Factor	> 0.99 Rated power (Adjustable 0.8 LD - 0.8 LG)						
Protection							
DC Switch	Yes						
Anti-Islanding Protection	Yes						
AC Overcurrent Protection	Yes						
AC Short Circuit Protection	Yes						
DC Reverse Protection	Yes						
Surge Arrester	DC Type III(Type II optional) / AC Type III(Type II optional)						
Insulation Detection	Yes						
Leakage Current Protection	Yes						
General							
Topology	Transformerless						
IP Rating	IP66						
Night Self Consumption	<1W (Standard)						
Cooling	Natural cooling						
Operating Temperature Range	-25°C -60°C						
Relative Humidity Range	0-100%						
Max. Operating Altitude	4000m						
Dimensions (W*H*D)	398mm*460mm*190mm						
Weight	18.7Kg						
HMI & COM							
Display	Wireless & APP +LED, LCD (Optional)						
Communication	RS485, Optional: WiFi / GPRS / LAN						
Certification							
Safety	IEC62109-1, IEC62109-2						
Grid Code	VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, RD 1699/661&413, IEC 61727/62116, AS4777.2						
Warranty	5 Years						

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