

MID 17~30KTL3-X2

- Max. efficiency 98.75%
- Dual MPP trackers
- Touch key and OLED display
- Type II SPD on AC and DC side
- AFCI function optional



P O W E R
- I N G O
T O M O -
R R O W O

Datasheet	MID 17KTL3-X2		MID 20KTL3-X2		MID 25KTL3-X2		MID 30KTL3-X2	
Input data (DC)								
Max. recommended PV power (for module STC)	25500W		30000W		37500W		45000W	
Max. DC voltage	1100V							
Start voltage	200V							
Normal voltage	600V							
MPPT voltage range	200V-1000V							
No. of MPP trackers/strings per MPP tracker	2/2						2/3	
Max. input current per MPP tracker	32A*2		32A*2		32A/36A		32A/48A	
Max. short-circuit current per MPP tracker	40A*2		40A*2		40A/45A		40A/60A	
Output data (AC)								
Rated AC output power	17000W		20000W		25000W		30000W	
Max. AC apparent power	18800VA		22000VA		27700VA		33300VA	
Nominal AC voltage (range*)	230V/400V; 340-440V							
AC grid frequency; (range*)	50/60 Hz; 45~55Hz/55-65 Hz							
Max. output current	28.6A		33.6A		42A		50.5A	
Adjustable power factor	0.8 leading - 0.8 lagging							
THDi	<3%							
AC grid connection type	3W+N+PE							
Efficiency								
Max. efficiency	98.75%							
European efficiency	98.6%							
Protection devices								
DC reverse polarity protection	Yes							
DC switch	Yes							
AC/DC surge protection	Type II / Type II							
Insulation resistance monitoring	Yes							
AC short-circuit protection	Yes							
Ground fault monitoring	Yes							
Grid monitoring	Yes							
Anti-islanding protection	Yes							
Residual-current monitoring unit	Yes							
String monitoring	Yes							
AFCI protection	Optional							
General data								
Dimensions (W / H / D)	528/415/225mm							
Weight	22kg		22kg		22kg		24kg	
Operating temperature range	-25 °C ... +60 °C							
Self-consumption (night)	< 1W							
Topology	Transformerless							
Cooling	Smart air cooling							
Protection degree	IP66							
Relative humidity	0~100%							
Altitude	4000m							
DC connection	H4/MC4(Optional)							
AC connection	Waterproof PG head+OT terminal or quick connect terminal							
Display	OLED+LED/WIFI+APP							
Interfaces: RS485/USB/ WiFi/GPRS/RF/LAN	Yes/Yes /Optional/Optional/Optional/Optional							
Warranty: 5 years / 10 years	Yes/Optional							
CE,EN50549-1,IEC62116,IEC61727								