

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, BIS,TOR Erzeuger Typ A, IEC62910,IEC61683,IEC60068,CEI-021,CEI-016,CQC,DRRG, KS, N4105,UKCA,VDE0126,C10/C11,INMETRO,UNE217001,UNE217002,NTS Type A,Polond,Denmark				