

# MID 15~25KTL3-XL2

- Max. efficiency 98.8%
- 4 MPP trackers
- Touch key and OLED display
- Type II SPD on AC and DC side
- AFCI protection



P O W E R  
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Datasheet	MID 15KTL3-XL2	MID 17KTL3-XL2	MID 20KTL3-XL2	MID 22KTL3-XL2	MID 25KTL3-XL2
<b>Input data (DC)</b>					
Max. recommended PV power (for module STC)	22500W	25500W	30000W	33000W	37500W
Max. DC voltage	800V				
Start voltage	200V				
Nominal voltage	360V				
MPPT voltage range	200-800V				
Full load voltage	200-650V				
No. of independent MPPT	4				
No. of PV strings per MPP tracker	2				
Max. input current per MPPT	32A				
Max. short-circuit current per MPPT	40A				
<b>Output data (AC)</b>					
AC nominal power	15000W	17000W	20000W	22000W	25000W
Max. AC apparent power	16600VA	18800VA	22200VA	22200VA	27700VA
Nominal AC voltage/range	133V/230V 106.4-146.3V				
AC grid frequency/range	50Hz				
Nominal AC output current	37.6A	42.6A	50.1A	55.1A	62.7A
Max. output current	43.7A	49.6A	58.3A	64.2A	72.9A
Power factor (@nominal power)	> 0.99				
Adjustable power factor	0.8Leading ...0.8Lagging				
THDi	<3%				
AC grid connection type	3W+N+PE/3W+PE				
<b>Efficiency</b>					
Max. efficiency	98.8%				
European efficiency	98.5%				
<b>Protection devices</b>					
DC reverse-polarity protection	Yes				
DC switch	Yes				
DC surge protection	Type II				
Insulation resistance monitoring	Yes				
AC surge protection	Type II				
AC short-circuit protection	Yes				
Ground fault monitoring	Yes				
Grid monitoring	Yes				
Anti-islanding protection	Yes				
Residual-current monitoring unit	Yes				
String monitoring	Yes				
AFCL protection	Yes				
<b>General data</b>					
Dimensions (W / H / D)	580/435/230mm				
Weight	37kg				
Operating temperature range	-25°C ... +60°C (>45°C Derating)				
Altitude	4000m				
Internal consumption at night	<1W				
Topology	Transformerless				
Cooling	Fan cooling				
Electronics protection degree	IP66				
Relative humidity	0~100%				
DC connection	H4/MC4(opt)				
AC connection	Waterproof PG head+OT terminal				
<b>Interfaces</b>					
Display	OLED+LED/WIFI+APP				
USB/RS485	Yes				
WIFI/GPRS/4G/LAN	Optional				
Warranty: 10 years	Yes				
CE, EN50549-1					