

MID 17-30KTL3-X2

- Max. efficiency up to 98.8%
- Dual MPP trackers
- String monitoring
- AC&DC type II SPD
- AFCI optional



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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	37500W
Max. DC voltage			1100V	
Start Voltage			200V	
Nominal voltage			600V	
MPPT voltage range			200V-1000V	
No. of MPP trackers			2	
No. of PV strings per MPP tracker	2	2	2/3	2/3
Max. input current per MPPT tracker*	32A	32A	32A	32A/48A
Max. short circuit current per MPPT	40A	40A	40A	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*)			220V/380V, 230V/400V (340-440V)	
AC grid frequency;(range*)			50/60 Hz (45-55Hz/55-65 Hz)	
Max. output current	28.6A	33.6A	42.0A	50.5A
Adjustable power factor			0.8leading...0.8lagging	
THDi			<3%	
AC grid connection type			3W+N+PE	
Efficiency				
Max. efficiency	98.75%	98.75%	98.75%	98.8%
European efficiency	98.6%	98.6%	98.6%	98.5%
MPPT efficiency			99.9%	
Protection devices				
DC reverse polarity protection			Yes	
DC Switch			Yes	
AC/DC surge protection			TypeII/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	
AFCL 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			IP65	
Relative Humidity			0~100%	
Altitude			4000m	
DC connection			H4/MC4(Optional)	
AC connection			Cable gland-OT 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, VDE0126, Greece, EN50549-1, C10/C11, UTE C 15-712, IEC62115, IEC61727, IEC 60068, IEC 61683, CEI0-21, N4105, TOR Erzeuger, G98/G99, G100, UNE217001, UNE206007, PO12.2, KSC8565				

* The AC voltage range and frequency range may vary depending on specific country grid standard.All specifications are subject to change without notice.