

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	480V-850V			
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	30000VA
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			
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	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, IEC62116, 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.