MOD 10~15KTL3-X(AU)

- Max. efficiency 98.6%
- OLED and touch button
- Type II SPD on DC and AC side
- String Monitoring
- AFCI optional

POWER-ING TOMORROW

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Datasheet	MOD 10KTL3-X-AU	MOD 11KTL3-X-AU	MOD 12KTL3-X	MOD 13KTL3-X	MOD 15KTL3-X
Input data (DC)					
Max. recommended PV power (for module STC)	15000W	16500W	18000W	19500W	22500W
Max. DC voltage	1100V				
Start voltage	200V				
Nominal voltage	580V				
MPPT voltage range	140V-1000V				
No. of MPP trackers	2				
No. of PV strings per MPP tracker	1/2				
Max. input current per MPP tracker	13/26A				
Max. short-circuit current per MPP tracker	16/32A				
Output data (DC)					
AC nominal power	10000W	11000W	12000W	13000W	15000W
Max. AC apparent power	10000VA	11000VA	12000VA	13000VA	15000VA
Nominal AC voltage（range*）	220V/400V（340-440V）				
AC grid frequency（range*）	50/60 Hz (45-55Hz/55-65 Hz)				
Max. output current	15.2A	16.7A	18.2A	19.7A	22.7A
Adjustable power factor	0.8leading…0.8lagging				
THDi	<3%				
AC grid connection type	3W+N+PE				
Efficiency					
MAX. efficiency	98.6%	98.6%	98.6%	98.6%	98.6%
European efficiency	98.1%	98.1%	98.2%	98.2%	98.2%
MPPT efficiency	99.9%				
Protection devices					
DC reverse polarity protection	Yes				
DC Switch	Optional				
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)	425/387/178mm				
Weight	15kg	15kg	16.5kg	16.5kg	16.5kg
Operating temperature range	- 25℃ ... +60℃				
Nighttime power consumption	< 1W				
Topology	Transformerless				
Cooling	Natural convection				
Protection degree	IP66				
Relative humidity	0~100%				
Altitude	4000m				
DC connection	H4/MC4(Optional)				
AC connection	Connector				
Display	OLED+LED/WIFI+APP				
Iinterfaces: RS485 / USB /Wi-Fi/ GPRS / RF/LAN	Yes/Yes/Optional/Optional/Optional/Optional				
Manufacturing Country	Made in China				
CE, AS4777					

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

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