

MID 17-25K TL3-X1-AU

- Max. efficiency 98.75%
- 40% compact and lighter
- Three MPP trackers
- Supports export control
- Touch key and OLED display
- Type II SPD on AC and DC side
- Data storage up to 25 years



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Datasheet	MID 17KTL3-X1-AU	MID 20KTL3-X1 -AU	MID 22KTL3-X1-AU	MID 25KTL3-X1-AU
Input data(DC)				
Max. recommended PV power (for module STC)	25500W	30000W	33000W	37500W
Max. DC voltage	1100V			
Start voltage	250V			
Nominal voltage	600V			
MPP voltage range	200V-1000V			
No. of MPP trackers	3			
No. of PV strings per MPP trackers	2/2/2			
Max. input current per MPP trackers	26/26/26			
Max. input current per MPP trackers	40/40/40			
Output data(AC)				
AC nominal power	17000W	20000W	22000W	25000W
Max. AC apparent	17000VA	20000VA	22000VA	25000VA
Nominal AC voltage/range	220/380V,230V/400V340-440V			
AC grid frequency/range	50/60 Hz 45~55Hz/55-65 Hz			
Max. output current	25.8A	30.3A	33.3A	37.9A
Power factor(@nominal power)	>0.99			
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%	98.80%
Euro - eta	98.50%			
Protection devices				
DC reverse-polarity protection	Yes			
DC switch	No			
DC Surge protection	TypeII			
Insulation resistance monitoring	Yes			
AC surge protection	TypeII			
AC short-circuit protection	Yes			
Ground fault monitoring	Yes			
Grid monitoring	Yes			
Anti-islanding protection	Yes			
Residual-current monitoring unit	Yes			
String monitoring	opt			
AFCI protection	opt			
General data				
Dimensions (W / H / D)	580x435x230mm			
Weight	30kg			
Operating temperature range	- 25°C ... +60°C (>45°CDerating)			
Altitude	4000m			
Internal consumption at night	1W			
Topology	Transformerless			
Cooling	Smart air cooling			
Electronics protection degree	IP66			
Relative humidity	0~100%			
DC connection	VP-D4/H4(Optional)			
Manufacturing country	Made in China			
Interfaces				
Display	OLED+LED WIFI+APP			
Interfaces: USB/RS485/WIFI/GPRS/4G	yes/yes/opt/opt/opt			
NB/T 32004-2013, IEC/EN62109-1, IEC/EN62109-2, EN61000-6-2, EN61000-6-4				

* DC Switch is not available on the Australian model.
 * All specifications are subject to change without notice.