

MID 17~25KTL3-X-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

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			32/32/32	
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			Typell	
Insulation resistance monitoring			Yes	
AC surge protection			Typell	
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°C Derating)		
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.