

MID 30~40KTL3-X-AU

- The maximum efficiency is up to 98.8%
- 40% compact and lighter
- AFCI function optional
- Self-consumption monitoring
- Touch key and OLED display
- Type II SPD on DC and AC side



GROWATT

P O W E R
- I N G O
T O M O -
R R O W O

Datasheet	MID 30KTL3-X-AU	MID 33KTL3-X-AU	MID 36KTL3-X-AU	MID 40KTL3-X-AU
Input data(DC)				
Max. recommended PV power (for module STC)	45000W	49500W	54000W	60000W
Max. DC voltage	1100V			
Start voltage	250V			
Nominal voltage	600V			
MPP voltage range	200-1000V			
No. of MPP trackers	3	3	4	4
No. of PV strings per MPP trackers	2			
Max. input current per MPP trackers	26A			
Max. input current per MPP trackers	40A			
Output data(AC)				
AC nominal power	30000W	33000W	36000W	40000W
Max. AC apparent	30000VA	33000VA	36000VA	40000VA
Nominal AC voltage/range	220/380V,230V/400V340-440V			
AC grid frequency/range	50/60 Hz 45~55Hz/55-65 Hz			
Max. output current	45.5A	50.0A	54.5A	60.6A
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	98.80%			
Euro - eta	98.50%			
Protection devices				
DC reverse-polarity protection	Yes			
DC switch	No			
DC Surge protection	Type II			
Insulation resistance monitoring	Yes			
AC surge protection	Type II			
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)	580/435/230mm			
Weight	30kg			
Operating temperature range	- 25°C ... + 60°C (> 45°C derating)			
Max altitude	4000m			
Internal consumption at night	1W			
Cooling	Smart air cooling			
Electronics protection degree	IP66			
Relative humidity	0~100%			
DC connection	VP-D4/H4(Optional)			
Manufacturing country	China			
Interfaces				
Display	OLED+LED WIFI+APP			
Interfaces: USB/RS485/WIFI/GPRS/4G	yes/yes/yes/yes/opt/opt/opt/opt			