

GROWATT

MID 17~30KTL3-X2

- Max.efficiency 98.75%
- Dual MPP trackers
- Touch key and OLED display
- Type II SPD on AC and DC side
- AFCI function optional



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

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	45000W
Max. DC voltage		1100V		
Start voltage		200V		
Normal voltage		600V		
MPPT voltage range		200V-1000V		
No. of MPP trackers/strings per MPP tracker		2/2		
Max. input current per MPP tracker	32A*2	32A*2	32A/36A	32A/48A
Max. short-circuit current per MPP tracker	40A*2	40A*2	40A/45A	40A/60A
Output data (AC)				
Rated AC output power	17000W	20000W	25000W	30000W
Max. AC apparent power	18800VA	22000VA	27700VA	33300VA
Nominal AC voltage (range*)		230V/400V; 340-440V		
AC grid frequency; (range*)		50/60 Hz; 45~55Hz/55~65 Hz		
Max. output current	28.6A	33.6A	42A	50.5A
Adjustable power factor		0.8 leading - 0.8 lagging		
THDi		<3%		
AC grid connection type		3W+N+PE		
Efficiency				
Max. efficiency		98.75%		
European efficiency		98.6%		
Protection devices				
DC reverse polarity protection		Yes		
DC switch		Yes		
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)		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		IP66		
Relative humidity		0~100%		
Altitude		4000m		
DC connection		H4/MC4(Optional)		
AC connection		Waterproof PG head+OT terminal or quick connect 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,EN50549-1,IEC62116,IEC61727