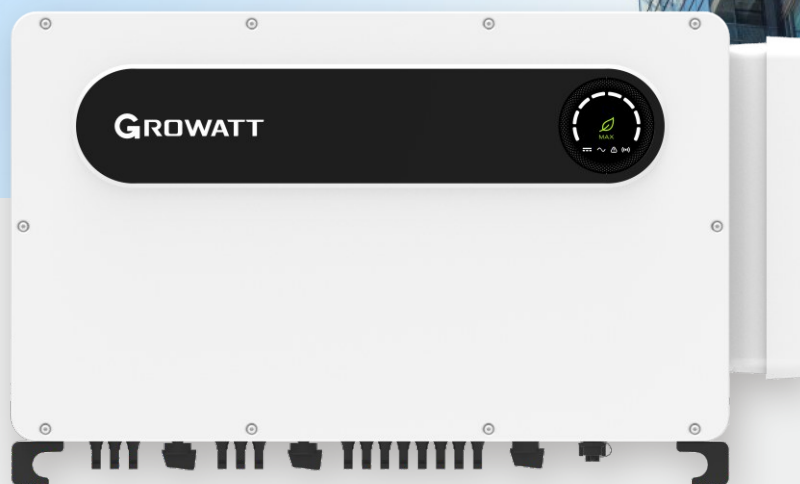


MAX 150KTL3-X LV

- 10 MPPTs fusefree design
- Max. string current up to 22.5A
- Smart I/V scan and diagnosis
- Intelligent string monitoring
- AC&DC type II SPD
- IP66 protection



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

Datasheet	MAX 150KTL3-X LV
Input data (DC)	
Max. recommended PV power (for module STC)	225000W
Max. DC voltage	1100V
Start voltage	195V
Nominal voltage	600V
MPP voltage range	180V-1000V
No. of MPP trackers	10
No. of PV strings per MPP tracker	6*2+4*3
Max. input current per MPP tracker	45A
Max. short-circuit current per MPP tracker	56.5A
Output data (AC)	
AC nominal power	150000W
Max. AC apparent power	165000VA
Nominal AC voltage (range*)	220V/380V, 230V/400V (340-440V)
AC grid frequency (range*)	50/60 Hz(45~55Hz/55-65 Hz)
Max. output current	250.7A@380V 238.2A@400V
Adjustable power factor	0.8leading ...0.8lagging
THDi	<3%
AC grid connection type	3W/N/PE
Efficiency	
Max. efficiency	98.8%
European efficiency	98.4%
MPPT efficiency	99.9%
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
String detection	Yes
Anti-PID function	Optional
Arc fault detection (AFCI)	Optional
General data	
Dimensions (W / H / D)	1075/640/367mm
Weight	93kg
Operating temperature range	-30°C ... +60°C
Nighttime power consumption	< 1W
Topology	Transformerless
Cooling	Smart air cooling
Protection degree	IP66
Relative humidity	0~100%
Altitude	4000m
DC connection	H4/MC4 (Max.6mm ²)
AC connection	OT Terminal (Max. 240mm ²)
Display	LED/WIFI+APP
Interfaces: RS485/USB/PLC/ GPRS/4G/WiFi	Yes/Yes/Optional/Optional/Optional/Optional
Warranty: 5 years / 10 years	Yes/Optional
CE,IEC62116, IEC61727	

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