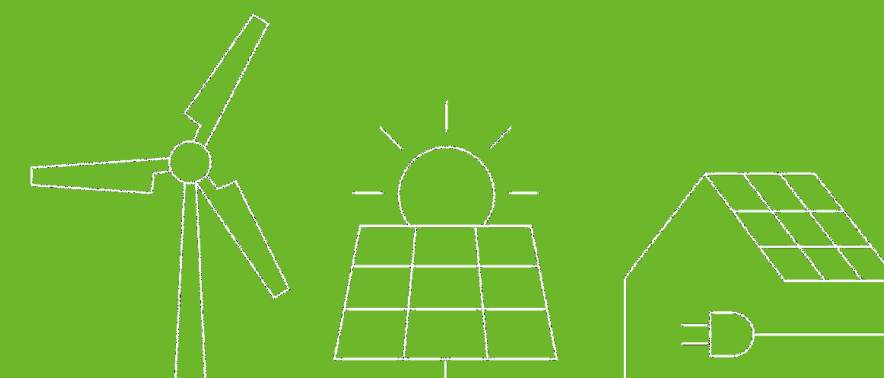






MID 50KTL3-X2 vs MAX 50KTL3 LV
2*MID 50KTL3-X2 vs MAX 100KTL3-X LV



Input

Model	MAX 50KTL3 LV	MID 50KTL3-X2
Appearance		
Start Voltage	250V	200V
MPPT Operating Voltage Range	200V - 1000V	200V - 1000V
Max. Current per MPPT	26A	32A
Max. input current per MPP tracker	32A	40A
Number of MPP Trackers	6	4
Max.number of strings	2	2
Efficiency	98.8%	98.8%

Protection

Parameters	MAX 50KTL3 LV	MID 50KTL3-X2
DC reverse polarity protection	yes	yes
DC switch	yes	yes
AC/DC surge protection	Type II / Type II	Type II / Type II
AFCI	Yes	Yes
Ground fault monitoring	yes	yes
Grid monitoring	yes	yes
Insulation resistance monitoring	yes	yes
String monitoring	yes	yes

General data

Parameters	MAX 50KTL3 LV	MID 50KTL3-X2
Dimensions (W / H / D)	860/600/300mm	580/435/230mm
Weight	82kg	37kg
Operating temperature range	-25°C ... +60°C	-25° C ... +60° C
Cooling	Smart Cooling	Smart Cooling
Protection degree	IP65	IP66
DC connection	H4	H4
AC connection	Cable gland+OT terminal	Cable gland+OT terminal
Display	LED	OLED+Touch Key
Interfaces	USB/RS485/WIFI/GPRS/LAN/RF	USB/RS485/WIFI/GPRS/LAN/RF

MID 50KTL3-X2 Advantages

High Yields

MPPT current 32A, string current up to 16A-->Compatible with high power modules

Start voltage 200V-->start early in the morning, stop late afternoon, long working time during the day

Compact Design and Easy Installation

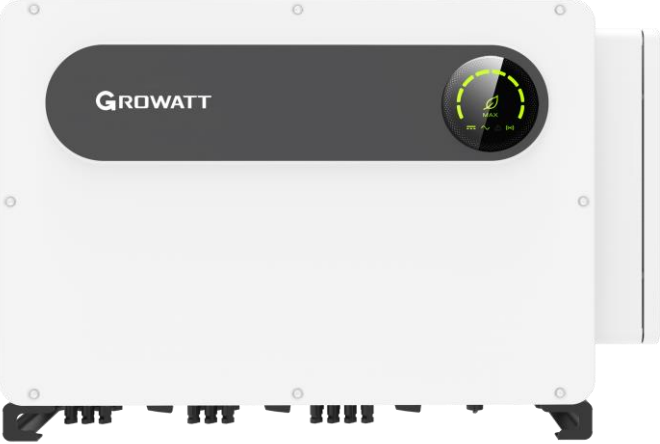

50kW@37kg, half weight and size of MAX 50K, easy transport and installation

OLED and touch key for easy local configuration

Stable Supply of IGBT

Since there is lack of IGBT module, the MAX inverter production is limited.
MID 50KTL3-X2 is not use IGBT module, the production is not limited.

2*MID 50KTL3-X VS 1*MAX 100KTL3-X LV

Model	MAX 100KTL-X LV	2 * MID 50KTL3-X2
Appearance		
Start Voltage	195V	200V
MPPT Operating Voltage Range	180V - 1000V	200V - 1000V
Max. Current per MPPT	32A	32A
Max. input current per MPP tracker	40A	40A
Number of MPP Trackers	10	8
Max.number of strings	2	2

Protection

Parameters	MAX 100KTL3-X LV	MID 50KTL3-X2
DC reverse polarity protection	yes	yes
DC switch	yes	yes
AC/DC surge protection	Type II / Type II	Type II / Type II
AFCI	Yes	Yes
Ground fault monitoring	yes	yes
Grid monitoring	yes	yes
Insulation resistance monitoring	yes	yes
String Monitoring	Yes	Yes

General data

Parameters	MAX 100KTL3-X LV	2*MID 50KTL3-X2
Dimensions (W / H / D)	970/640/345mm	2*580/435/230mm
Weight	84kg	2*37kg
Operating temperature range	-25°C ... +60°C	-25° C ... +60° C
Cooling	Smart Cooling	Smart Cooling
Protection degree	IP66	IP66
DC connection	H4(Optional)	H4(Optional)
AC connection	Cable gland+OT terminal	Cable gland+OT terminal
Display	LED	OLED+Touch Key
Interfaces	USB/RS485/WIFI/GPRS/LAN/RF	USB/RS485/WIFI/GPRS/LAN/RF

2*MID 50KTL3-X can take place of MAX 100KTL3-X LV

High Yields

MPPT current 32A, string current up to 16A-->Compatible with high power modules
If one inverter with problem, the others can work normally.

Compact Design and Easy Installation

50kW@37kg, half weight and size of MAX 50K, easy transport and installation

OLED and touch key for easy local configuration

Stable Supply of IGBT

Since there is lack of IGBT module, the MAX inverter production is limited.
MID 50KTL3-X2 is not use IGBT module, the production is not limited.

Thanks!



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