GROWATT

MAX 320~350K-X

· Maximum efficiency 99.03%

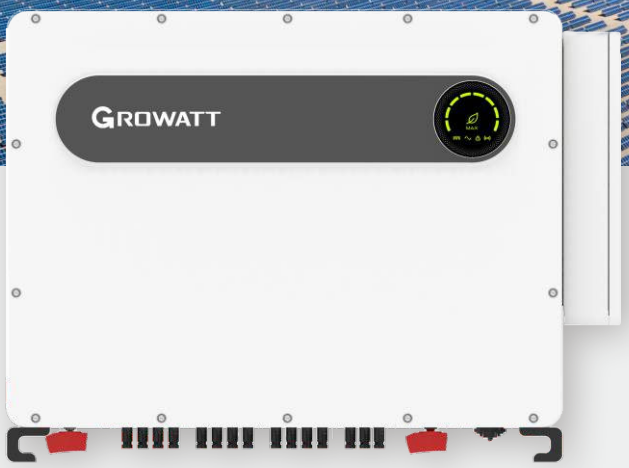
· Intelligent string breaking, active safety

· MPPT current 80A,adapted to 182/210 components

· String detection and I/V scanning, accurate location of abnormal strings

· IP66 protection level, adaptable to harsh environments

· Supports aluminium wire access, saving AC cable cost



POWER-ING TOMO-RROW

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Datasheet	MAX 320K-X	MAX 333K-X	MAX 350K-X
Input data (DC)			
Max. recommended PV power (for module STC)	480000W	499500W	528000W
Max. DC voltage		1500V	
Start voltage		500V	
Nominal voltage		1080V	
MPP voltage range		500V-1500V	
Max. input current per MPP tracker		80A	
Max. short-circuit current per MPP tracker		100A	
No. of MPP trackers		6	
No. of PV strings per MPP tracker		5	
Output data (AC)			
AC nominal power	320000W	333000W	352000W
Max. AC apparent power	352000VA	366300VA	352000VA
Nominal AC voltage		800V	
AC output range		640-920VAC	
AC grid frequency (range*)		50/60 Hz(45~55Hz/55-65 Hz)	
Nominal output current	230.9A	240.3A	254A
Adjustable power factor		0.8leading ...0.8lagging	
THDi		< 3%	
AC grid connection type		3W+PE	
Efficiency			
Max.efficiency		99.03%	
European efficiency		98.53%	
MPPT efficiency		99.90%	
Protection devices			
DC reverse polarity protection		Yes	
DC Switch		Yes	
AC/DC surge protection		Type II / Type II	
Insulation resistance monitoring		Yes	
RCD detection		Yes	
Output short circuit protection		Yes	
String fault monitoring		Yes	
Anti -PID function		Optional	
AFCI protection		Optional	
Display/communication			
Display		LED/WIFI+APP	
Interfaces: USB/RS485/GPRS/4G/PLC/WIFI		Yes/Yes/Optional/Optional/Optional	
General data			
Dimensions (W / H / D)		1145/790/371mm	
Weight		126kg	
Operating temperature range		-30℃...+60℃	
Altitude		5000m	
Relative humidity		0~100%	
Nighttime power consumption		< 1W	
Topology		Transformerless	
Cooling		Smart air cooling	
Protection degree		IP66	
Warranty: 5 / 10 years		Yes/Optional	
		CE, CB, IEC62116, IEC61727, IEC62910, IEC 61683, IEC60068	

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