

NEO 2000M-X

- Maximum efficiency 96.5%
- Four MPP trackers
- Type III SPD on AC side
- Convenient communication
- Long signal transmission distance



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Datasheet

NEO 2000M-X

Input data (DC)

Max. recommended PV power (for module STC)	3000W
Max. DC voltage	60V
Start voltage	20V
Nominal voltage	35V
MPP voltage range	16V-55V
No. of MPP trackers	4
No. of PV strings per MPP tracker	1/1/1/1
Max. input current per MPP tracker	15A
Max. short-circuit current per MPP tracker	18.8A

Output data (AC)

AC nominal power	2000W
Max. AC apparent power	2000VA
Nominal AC voltage(range*)	220V (150-280V)
AC grid frequency(range*)	50/60 Hz (45-55Hz/55-65 Hz)
Max. output current	9.3A
Power factor	>0.99
THDI	<3%
AC grid connection type	Single phase

Efficiency

Max. efficiency	96.5%
CEC efficiency	96%
MPPT efficiency	99.5%

Protection devices

DC reverse polarity protection	Yes
AC surge protection	Type III
AC short-circuit protection	Yes
Ground fault monitoring	Yes
Grid monitoring	Yes
Anti-islanding protection	Yes

General data

Dimensions (W / H / D)	388/301/38mm
Weight	4.7kg
Operating temperature range	-40°C ... +65°C
Nighttime power consumption	<30mW
Topology	HF Transformer
Cooling	Natural convection
Protection degree	IP67
Relative humidity	0-100%
Altitude	4000m
DC connection	H4
AC connection	Connector
Display	LED/WIFI+APP
Interfaces: Wi-Fi/RF	Yes/Optional
Warranty: 10 years/15years	Yes/Optional

CE, IEC 62116, IEC 61727, ABNT NBR16149/16150:2013