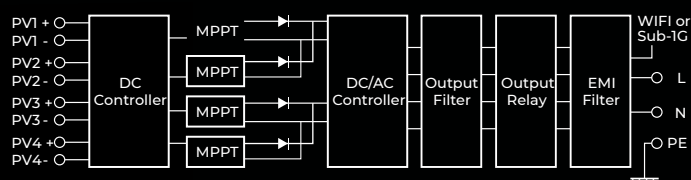


OXM Series

OXM2000 2100 2250W/ST4



Features



HIGHER YIELDS

60°C full power operation
Great performance in low sunlight



SAFETY&RELIABILITY

RSD Compliance
IP67



FLEXIBLE INSTALLATION

4-in-1 design enables faster installation
and comes with a lower cost



FOUR INDEPENDENT MPPT

Independent MPPT ensures greater
energy harvest, resulting in higher returns



STRONG COMMUNICATION

Encrypted WiFi/Sub-1G Solution
for Residential & Commercial

Technical Specifications

OXM-T4

Model	OXM2000S-T4	OXM2100S-T4	OXM2250S-T4
	OXM2000W-T4	OXM2100W-T4	OXM2250W-T4
Input Data (DC)			
Commonly Module Power (W)	400 to 670+	400 to 670+	400 to 700+
Operation Voltage Range (V)	14-63		
MPPT Voltage Range (V) ¹	20-60		
Start-up Voltage (V)	18		
Maximum Input Voltage(V)	63		
Maximum Input Current (A)	4x16	4x16	4x17
Maximum Input Short Circuit Current (A)	4x25		
DC port backfeed current (A)	0		
Overvoltage class DC port	II		
Number of MPPTs	4		
Number of Inputs per MPPT	1		
Output Data (AC)			
Rated Output Power (VA)	2000	2100	2250
Rated Output Current(A)	8.7	9.1	10
Maximum Units per 6mm ² Branch ²	4		
Maximum Units per 4 mm ² Branch ²	3		
Nominal Output Voltage (V) ³	220, 230, 240 / 180 ~ 280		
Nominal Frequency(Hz)	50/60		
Output over current protection	Yes		
Current inrush (A)	0		
Overvoltage class AC port	III		
Power Factor (adjustable)	>0.99(default)		
Total Harmonic Distortion	<3%		
Efficiency			
CEC Peak Efficiency	96.60%	96.60%	96.50%
Nominal MPPT Efficiency	99.80%		
Night time Power Consumption(mW)	<50		
Packing Configuration			
Container	20'GP / 40'HQ		
Pieces/Pallet	960*1015		
Pallets per Container	24/ 48		
Pieces per Container	1728 / 4032		
General Data			
Ambient Temperature Range (°C)	-40 to +65		
Dimensions (WxHxDmm)	425 × 260 × 36.5		
Weight (kg)	5.5		
Enclosure rating	Outdoor IP67 (NEMA 6)		
Relative humidity	0~ 100% , No Condensing		
Max. operation altitude (m)	2000		
Pollution degree	III		
Cooling	Natural Convection (no fans)		
Communication	WIFI(W-T4) / Sub-1G(S-T4)		
Monitoring	OPENAX Cloud ⁴		
Type of Isolation	Galvanically Isolated		
Compliance	IEC/EN 62109-1, IEC/EN 62109-2, IEC/EN 61000-6-1/-2/-3/-4, EN50549-1: 2019, VDE-AR-N 4105: 2018, CEI0-21, TOR Erzeuger, R25: 2019, EN 300 220-1/-2, EN300328,EN301489-1/-3/-17, EN62311, C10/11, PN-EN50549-1: 2019, NC-RFG, ORDINANCE 140/2022 , ABNT NBR 16149:2013 ABNT NBR 16150:2013, ABNT NBR IEC 62116:2012, IEC 62109-2:2011, IEC 62891:2020, PORTARIA INMETRO		

*1 The output power may vary with the output voltage.

*2 Refer to local requirements for exact number of microinverters per branch.

*3 Nominal voltage/frequency can vary depending on local requirements.

*4 OPENAX Cloud Monitoring System.