



TITAN Microinverter (2250W-3000W)



High power output

97.2%

peak efficiency up to 97.2%



Plug and Play Installation

Standard Accessories



AC Connector

Optional Accessories



AC Combiner Box

AC Cable: 12AWG, 0.2m



Input (DC)	MS3000	MP2250	MP3000
Recommended Module Power [W]	300~ 600+	400 ~ 700+	400 ~ 700+
Quantity of PV Module	7 to 8	4	4 to 6
Start up Voltage per Input@Rated condition [V]	24	22	22
MPPT Voltage Range per Input [V]	22~120	18~60	18~60
Max. Input Voltage per Input [V]	120	60	60
Short Circuit Current per Input [A]	16	20	20
Max. Input Current per Input [A]	15	18.5	18.5
Quantity of MPPTs	4	4	6
Quantity of DC Inputs	4	4	6

Output (AC)	MS3000	MP2250	MP3000
Nominal Continuous Output Power [W]	3000	2250	3000
Max. Output Current [A]	14	11	14
Nominal Output Voltage [V]	220/230/240, L/N/PE		
Nominal Frequency [Hz]	50/60		
Power Factor	>0.99 default, 0.8 leading ... 0.8 lagging		
Output Current Harmonic Distortion	<3%		

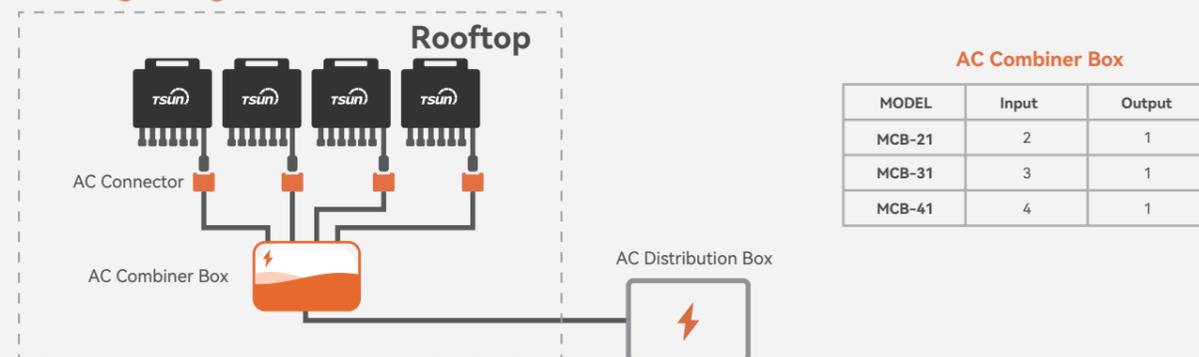
Efficiency	MS3000	MP2250	MP3000
Peak Inverter Efficiency	97.2%	97.0%	97.1%
EU Efficiency	96.7%	96.5%	96.6%
Nominal MPPT Efficiency	99.9%		
Night Time Power Consumption	<1W		

Mechanical Data	MS3000	MP2250	MP3000
Dimensions [WxHxD mm]	354 * 294 * 60		
Weight [kg]	6.8	6.4	7.2

General Data	MS3000	MP2250	MP3000
Communication	WiFi (Bluetooth) or RS485 or 4G (Optional)		
Cable/Assembling	AC Cable up to 0.2m		
Type of Isolation	Transformerless		
Type of Enclosure	IP67		
Cooling	Natural convection		
Operating Ambient Temperature Range	-25 ~ +65 °C (derating of over 50°C Ambient Temperature@ PV input 30V)		
Relative Humidity	100%		
Max. Operating Altitude Without Derating [m]	2000		

× The AC voltage and frequency range may vary depending on specific country grid.

Wiring Diagram



AC Combiner Box

MODEL	Input	Output
MCB-21	2	1
MCB-31	3	1
MCB-41	4	1