



Areswatt New Energy

AW-MIP2.25

AW-MIP2.5



Low DC Voltage Module-level MPPT Safe and Efficient

Product features



Maximized Efficiency

- 4-way independent MPPT.
- Maximum efficiency 96.5%.



Strong signal

- Support WIFI & Bluetooth connection.
- APP connection fast.



Flexibility

- Plug & play installation, Easy to install.



Safety

- Max DC Voltage 60V. No threat for high DC voltage.
- Protection level IP67.



Reliability

- Die casting design and glue filling technology.
- Better thermal dissipation.
- Standard 15 years warranty.



Model	AW-MIP2.25	AW-MIP2.5
Input[DC]		
Recommended Module Power [W]	400~700W+	
Start up Voltage [V]	22V	
MPPT Voltage Range [V]	16-60V	
Max. Input Voltage [V]	60V	
Max. Input Current [A]	4*18A	
Max. Input Short-circuit Current [A]	4*20A	
Quantity of MPPT	4	
Number of Inputs per MPPT	1	
Output [AC]		
Nominal Continuous Output Power [VA]	2250VA	2500VA
Nominal Output Current [A]	10.23A	11.36A
Nominal Output Voltage/Range [V]	L+N+PE, 220,230,240/180~280V	
Nominal frequency/range [Hz]	50/60Hz	
Power Factor	>0.99 default	
Max. Units Per Branch(10AWG)	3	2
THD	<3%	
MPPT Efficiency	99.8%	
Maximum Efficiency	96.5%	
Mechanical Data		
Dimensions [WxHxDmm]	336*274.5*43	
Weight [kg]	5.8	
General Data		
Communication	Wifi、Bluetooth	
Type of Enclosure	IP67	
Cooling	Natural Convection	
Type of isolation	Galvanically Isolated HF Transformer	
Operating Ambient Temperature Range	-40 to +65 °C	
Compliance	ABNT NBR 16149:2013, ABNT NBR 16150:2013, ABNT NBR IEC 62116:2012, EN 50549-1: 2019, EN 62109-1/-2, EN 61000-6-1/-2/-3/-4	



Technical Support

For more information about operating environment, technical parameters and customized solutions, please consult our technical specialists.