

Micro Inverter

(2-in-1; 4-in-1)



Panel Level
Monitoring

Simplifies
Setup By
Eliminating
The DC Box

Maximized
Output



Lower Initial Cost
Compared To
String Inverter

Affordable
&
Flexible



In built SPD on
both side



Lower Start-up
Voltage 22V



Fanless Natural
Cooling System



Ingress
Protection IP66



Remote Upgrade
and Maintenance



Aluminium
Die Cast Body



Anti Islanding
Protection



Panel Level
Monitoring



MPPT Efficiency
Up To 99%



Supported
upto 800WP Panel



High
Performance



Easier
Communication
with Wifi / Bluetooth

MICRO INVERTER				
Description	XW – 1.0K	XW – 1.1K	XW – 2.0K	XW – 2.3K
DC Input				
Recommended Module Power [Wp]	300 ~ 600+	300 ~ 600+	300 ~ 600+	300 ~ 600+
No. Of PV Module	1 to 2	1 to 2	1 to 4	1 to 4
Start up Voltage per Input@ Rated Condition [V]	22	22	22	22
MPPT Voltage Range per Input [V]	16 ~ 60	16 ~ 60	16 ~ 60	16 ~ 60
Max. Input Voltage per Input [V]	60	60	60	60
Max. Input Current per Input [A]	14	14	18	18
Short circuit Current – [A]	20	20	25	25
No. of MPPT	2	2	4	4
No. of DC Inputs	2	2	4	4
Output [AC]				
Nominal Continuous Output Power [W]	1000	1100	2000	2250
Max Output Current [A]	5	5.5	10	11.25
Nominal Output Voltage [V]	230			
Nominal Frequency [Hz]	50			
Power Factor	~ 0.99			
Output Current Harmonic Distortion[%]	<3			
Efficiency				
Peak Inverter Efficiency[%]	96.7	96.7	96.7	97.0
Nominal MPPT Efficiency[%]	99.9			
Night Time Power Consumption[mW]	<50			
Mechanical Data				
Dimensions [W x H x D] mm	261 * 228 * 32		331 * 261 * 44	
Weight [kg]	2.8		5	
General Data				
Communication	WiFi (Bluetooth) or RS485			
Type of Isolation	HF Isolation			
Ingress Protection	IP67			
Cooling Concept	Natural convection			
Operating Ambient Temperature Range [°C]	-25 ~ +65			
Relative Humidity[%]	100			
Max. Operating Altitude Without Derating [m]	2000			
Warranty	10 Years			