

# DELUX®

# SUNPRO Series



## HYBRID SOLAR INVERTER

### AXPERT VM II 3.6K TWIN

PV 5000



PV Input  
5000W



Max. PV Voltage  
500 VDC



120A Solar & AC  
Charging Current



MPPT Voltage Range  
60~450 VDC



Output  
3.6KW



Dual Outputs



Built-in  
Anti-dust Kit



Work With &  
Without Battery

<b>MODEL</b>	<b>Axpert VM II 3.6K TWIN</b>
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<b>RATED POWER</b>	<b>3600VA/3600W</b>
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<b>INPUT</b>	
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Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)

<b>OUTPUT</b>	
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AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	7200VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
Dual Outputs	Yes

<b>BATTERY</b>	
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Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC

<b>SOLAR CHARGER &amp; AC CHARGER</b>	
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Solar Charger type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	5000W
Maximum PV Input Current	27A
MPP Range @ Operating Voltage	60-450 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A

<b>PHYSICAL</b>	
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Dimension, D x W x H (mm)	107 x 322.6 x 420.3
Net Weight (kgs)	9.5
Communication Interface	USB/RS-232

<b>OPERATING ENVIRONMENT</b>	
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Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice

