

# Axpert Max Duplex S Hybrid Inverter



- Integrated with PV insulation resistance detection
- Integrated with GFCI detection
- Comply with Grid-interconnection regulation
- Two independent AC power sources connected and switched automatically
- Status indication with RGB lights
- Maximum PV input current 27A
- Built-in WiFi with APP for mobile monitoring
- Supports USB On-the-Go function
- Detachable LCD control module with various communication
- Battery independent design
- Built-in anti-dust kit
- Parallel operation with 6 units

## Axpert Max Duplex S Hybrid Inverter Selection Guide

MODEL	Axpert Max Duplex S 8K	Axpert Max Duplex S 10K	Axpert Max Duplex S 11K
<b>RATED POWER</b>	8000VA/8000W	10000VA/10000W	11000VA/11000W
<b>PARALLEL CAPABILITY</b>	YES, 6 units		
<b>INPUT</b>			
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>			
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%		
Surge Power	16000VA	20000VA	22000VA
Efficiency (Peak)	93%		
Transfer Time	10 ms (For Personal Computers), 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
<b>BATTERY</b>			
Battery Voltage	48 VDC		48 VDC
Floating Charge Voltage	54 VDC		54 VDC
Overcharge Protection	66 VDC		63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>			
Maximum PV Array Power	8000W (4000W x 2)	10000W (5000W x 2)	11000W (5500W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC		
Maximum PV Array Open Circuit Voltage	500 VDC		
Maximum PV Input Current	27A x 2 (MAX 40A)		
Maximum Solar Charge Current	120A	150A	150A
Maximum AC Charge Current	120A	120A	150A
Maximum Charge Current	120A	150A	150A
<b>PHYSICAL</b>			
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6		
Net Weight (kgs)	18.4		
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact		
<b>OPERATING ENVIRONMENT</b>			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	-10°C to 50°C		
Storage Temperature	-15°C to 60°C		
<b>STANDARD</b>			
Compliance Safety	EN/IEC 62109-1, 62109-2, EN/IEC 61000-6-2, 61000-6-4, 61000-3-11, 61000-3-12, NRS 097-2-1:2017		

Product specifications are subject to change without further notice.