

MAX

SERIES

100A
TRUE MPPT

1.7 KVA
3.2 KVA

PV 2500 / PV4200
SOLAR HYBRID INVERTER



KEY SALIENT FEATURES

- ✓ Introducing 1st time in Pakistan, Supporting 600W Plus solar panels in small size inverter
- ✓ 100% Pure Sine Wave Solar Inverter
- ✓ Built-in (100A) MPPT Solar Charge Controller
- ✓ Wi-Fi Optional - available for IOS/Android Built-in anti dust for harsh environment
- ✓ Smart battery charger design to optimize battery life
- ✓ Inverter running with battery & without battery
- ✓ Compatible with Li-ion, LifePo4 and etc
- ✓ High input voltage range (120~430VDC) for easy sharing with load
- ✓ Adaptable to main voltage/generator power
- ✓ Conformal coating to prevent from Dust & Humidity
- ✓ Design and Engineered in Taiwan



600+
WATT SOLAR
SUPPORT



HIGH
PV INPUT
130~430VDC



LITHIUM
BATTERY
SUPPORTED



WI-FI
OPTIONAL



IP 21
PROTECTION



100A MPPT
CONTROLLER



NEW LCD
DESIGN



WORK WITH &
WITHOUT BATTERY

MODEL	MAX - PV2500	MAX - PV4200
Rated Power	1700VA	3200VA
AC INPUT	230 VAC	
Voltage	170~280 VAC (For Personal Computer)	
Selectable Voltage Range	90~280VAC (For Home Appliances)	
Frequency Range	50 HZ / 60 HZ (Auto Sensing)	
AC OUTPUT	230 VAC + 5%	
AC Voltage Regulation	230 VAC + 5%	
Surge Power	3000 VA	6000 VA
Efficiency (Peak) PV to INV	97%	
Efficiency (Peak) Battery to Inv	94%	
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)	
BATTERY & AC Charger		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	14 VDC	27 VDC
Overcharge Protection	16 VDC	33 VDC
Maximum AC Charge Current	60A	
SOLAR CHARGER		
Maximum PV Array Power	2500W	4200W
MPPT Range @ Operating Voltage	120-430 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Charge Current	TRUE (MPPT) 100A	
Maximum PV Input Current	18A	
Maximum Efficiency	98%	
PHYSICAL		
Communication Interface	RS323/GPRS/Wi-Fi	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non~Condensing)	
Operating Temperature	0 C~55 C	
Storage Temperature	-15 C~60 C	

Note: Product specifications are subject to change without further notice



Certification

