

MAX

SERIES

100A
TRUE MPPT

3.2 KVA

MAX - 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 - PV4200W
Rated Power	3200VA
AC INPUT	230 VAC
Voltage	170~280 VAC (For Personal Computer)
Selectable Voltage Range	90~280VAC (For Home Appliances)
Frequency Range	
AC OUTPUT	50 HZ / 60 HZ (Auto Sensing)
AC Voltage Regulation	230 VAC + 5%
Surge Power	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	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
Maximum AC Charge Current	60A
SOLAR CHARGER	
Maximum PV Array Power	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

