

PV 4000

3.2 KVA - 6TH GENERATION
SOLAR HYBRID INVERTER



KEY SALIENT FEATURES

- ✓ Introducing 1st time in Pakistan, Supporting 700W 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
- ✓ Compatible with Li-ion, LifePO4
- ✓ High input voltage range (90~400 VDC) for easy sharing with load
- ✓ Adaptable to main voltage/generator power
- ✓ Conformal coating to prevent from Dust & Humidity
- ✓ European Design and Engineered in Taiwan

Wi-Fi DEVICE
OPTIONAL



— Wi-Fi App —



700+
WATT SOLAR
SUPPORT



18A
MPPT CHARGED
CONTROL



BATTERY
SUPPORTED
LITHIUM



WI-FI
OPTIONAL



IP-21
PROTECTION



100A
MPPT
BASED SOLAR
CHARGED



NEW LCD
DESIGN



ANTI DUST
PROTECTION



6th
GENERATION
INVERTER



HYBRID
INVERTER

MODEL	Z5 - PV 4000
Rated Power	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	
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	4000W
MPPT Range @ Operating Voltage	90-400 VDC
Maximum PV Array Open Circuit Voltage	430 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

