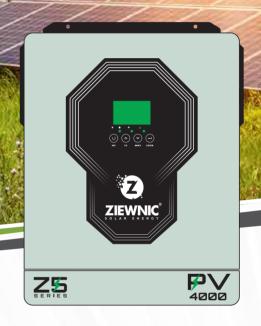




PV 4000

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
- Campatible 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











WATT SOLAR SUPPORT



MPPT CHARGED CONTROL



BATTERY SUPPORTED



WI-FI OPTIONAL



IP-21 POTECTION



BASED SOLAR CHARGED



NEW LCD DESIGN



ANTI DUST PROTECTION



GENERATION INVERTER



HYBRID INVERTER







PRODUCT DATA SHEET

| MODEL | Z5 - PV 4000 |
|---------------------------------------|---|
| Rated Power | 3200VA |
| AC INPUT | 230 VAC |
| Voltage | 170 \sim 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









