



ROUX MINI SERIES



SMART DESIGN. STRONG PERFORMANCE.

Introducing Pakistan's Real 6th Generation inverter, built with advanced high-efficiency MOSFET technology and an enhanced chopper design to deliver exceptional stability and performance. The Roux Mini ensures a pure 100% sine wave output, providing safe, smooth, and reliable power for all your sensitive appliances.

Designed for flexibility, it operates seamlessly with batteries, main utility supply, or generator power, and features a built-in automatic electronic breaker for maximum protection. Its upgraded LCD display offers a modern and user-friendly control experience.

With IP54 protection for dust and splash resistance, wide PV input range (55-430 VDC), and support for up to 18A input current, Roux Mini is fully compatible with all lithium battery types. Engineered in Taiwan, it stands as a symbol of durability, efficiency, and next-level power management.

3 Years Replacement Warranty
+ Life Time Repairable



80A
TRUE MPPT

3.5KW
PV5000

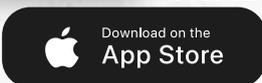


OPTIONAL Wi-Fi MONITORING

Monitor & configure your device from anywhere

Use Wi-Fi Function to remotely monitor the real-time running status of the product

AVAILABLE ON



MODEL	ROUX Mini - PV5000
Rated Power	3500VA
AC INPUT	
AC Input Voltage	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%
Nominal Current Output	14.54A
Efficiency (Peak) PV to INV	97%
Efficiency (Peak) Battery to INV	94%
Transfer Time	10ms Typical(MS); 20ms Stapical(Appliances)
BATTERY & AC CHARGER	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
Maximum AC Charge Current	80A
SOLAR CHARGER	
Maximum PV Array Power	5000W
MPPT Range @ Operating Voltage	55-430 VDC
Maximum PV Array Open Circuit Voltage	430 VDC
Maximum Charge Current	TRUE (MPPT) 80A
Maximum PV Input Current	18A
Maximum Efficiency	98%
PHYSICAL	
Communication Interface	RS232/GPRS/Wi-Fi
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

