



# ROUX ULTRA SERIES



## UNSTOPPABLE POWER FOR A SMARTER ENERGY FUTURE

Introducing Pakistan's first Real 6th Generation Inverter, built with ST Singapore high-efficiency IGBT/MOSFET technology and a high-speed processing chip for instant, uninterrupted power delivery. The **Roux Ultra Series** offers multiple operation modes, produces a 100% pure sine wave with power factor 1.0, and can operate seamlessly with or without a battery.

Equipped with built-in Wi-Fi, one-button restore, fault code recording, battery equalization, and automatic lithium battery activation, it ensures smart and effortless control. Its IP54 protection, along with conformal coating, anti-dust design, and a built-in electronic breaker, provides reliable performance even in tough environments.

The inverter also features a modern color touch LCD with adjustable parameters, full compatibility with all lithium batteries, and a powerful surge capacity of up to 2x rated load. With 160A AC + Solar charging, 160A MPPT controller, a wide 90–450V PV input range, dual smart load output, built-in zero export, and 2/18+18A PV input (PV12000) / 2/32A+18A PV input (PV15000), it delivers exceptional efficiency and performance—proudly designed and engineered in Taiwan.

**3 Years Replacement Warranty**  
+ Life Time Repairable

8.5KW  
**PV12000**

10.5 KW  
**PV15000**



### BUILT-IN 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



**160A**  
DUAL MPPT



MODEL	ROUX ULTRA - PV12000	ROUX ULTRA - PV15000
Phase	1-Phase	
Maximum PV Input Power	12000 W	15000 W
Rated Output Power	8500 W	10500 W
Maximum Solar Charging Current	160 A	160 A
<b>GRID-TIE OPERATION - PV INPUT(DC)</b>		
Nominal DC Voltage/Maximum DC Voltage	360 VDC/500 VDC	
Maximum DC Open Circuit Voltage	500Vdc	
Maximum DC Voltage	90~450 VDC	
Number of MPPT Trackers/Maximum Input Current	18A/18A	32A/18A
<b>GRID OUTPUT(AC)</b>		
Nominal Output Voltage	220/230/240 VAC	
Output Voltage Range	195.5-253 VAC	
Nominal Output Current	38.63A	47.72A
Power Factor	>0.99	
Feed-in Grid Frequency Range	49~51±Hz	
<b>EFFICIENCY</b>		
Maximum Conversion Efficiency (Solar to AC)	98%	
<b>TWO LOAD OUTPUT POWER(V2.0)</b>		
Full Load	8500 W	10500 W
Maximum Main Load	8500 W	10500 W
Maximum Second Load(battery mode)	1640W~5740W	2040~7140W
Main Load Cut Off Voltage	52 VDC	52 VDC
Main Load Return Voltage	54 VDC	54 VDC
<b>OFF-GRID OPERATION - AC INPUT</b>		
AC Start-up Voltage/Auto Restart Voltage	120-140 VAC/180 VAC	
Acceptable Input Voltage Range	90-280 VAC or 170-280 VAC	
Maximum AC Input Current	38.63A	47.72A
Nominal operating frequency	50/60Hz	
Surge power	18000W	22000 W
<b>BATTERY MODE OUTPUT(AC)</b>		
Nominal Output Voltage	220/230/240 VAC	
Output Waveform	PURE SINE WAVE	
Efficiency(DC to AC)	94%	
<b>BATTERY &amp; CHARGER</b>		
Nominal DC Voltage	48 VDC	48 VDC
Maximum Charging Current (Solar to AC)	160A	160 A
Maximum AC Charging Current	160A	
<b>GENERAL</b>		
Communication Port	BMS - RS485	Wi-Fi - RS232
Operating Temperature	-10~50°C	
<b>PHYSICAL</b>		
Net Weight(kgs)	15.6	15.9
Dimension H x W x D(mm)	576 x 481 x 166mm	

Note: Product specifications are subject to change without further notice

