



MAINLINE DIGITAL

Excellence is a Never-Ending Process!

UPS (Uninterrupted Power Supply)

Line Interactive, Short & Long Backup

Main Features

- Pure Sine-wave output.
- Superior performance from CPU control technology.
- Wide range of input voltage, accurate output, AVR Function.
- Inner-equipped protection for over load, short circuit, over voltage, low-voltage, Overheating.
- Easy to check condition with concise LCD.
- Generator compatibility and external battery connection.
- Intelligent Battery Management with protection against over-charging and over-discharging.



MAINLINE PRO SERIES

SINGLE PHASE INPUT / SINGLE PHASE OUTPUT
RANGING 1kVA to 7.5kVA



MAINLINE PRO series are Line Interactive sine wave UPS, manufactured with state-of-the-art technology, producing microprocessor controlled pure sine wave output to critical loads.



Power & IT Solutions for Industries, Data Centers, Commercial Use, Hospitals, Home and Offices

Features

Intelligent Design Micro-controller based intelligent system ensures reliable and smooth operation	Display LED metering to indicate real time information of input & output parameters	Extended Operating Range Caters wide input voltage range against acute power anomalies
OV/UV Protection Protects the load in case of over / under voltage, its AVR works and upon extreme low/high voltage keeps your load running on batteries	Noise Filtering Filters high frequency phase-to-neutral & ground to neutral noise	Excellent Load Handling Capability of handling 100% load & ensure continuous operation of connected load
Surge Protection Built-in Surge Suppression protection against surges between L-N	Multi-Type Universal Socket Multi-type socket for convenience of connectivity of any type of plug	Short Circuit Protection Intelligent Short Circuit Protection feature ensures safety

TECHNICAL SPECIFICATIONS

Model		MAINLINE PRO-1000S PRO-1000L	MAINLINE PRO-2000S PRO-2000L	MAINLINE PRO-3000L	MAINLINE PRO-5000S PRO-5000L	MAINLINE PRO-6000L	MAINLINE PRO -7500 L
Rated Capacity		1000VA	2000VA	3000VA	5000VA	6000VA	7500VA
Rated Power		600W	1200W	1800W	3000W	3600W	4500W
Transformer		CRGO					
Interface		LED Graphic					
Display Status		Working Load & Battery					
I N P U T	Voltage Range	140-275 VAC					
	Frequency	45-65Hz					
O U T P U T	Voltage	220VAC ± 1% for inverter; 220VAC±8% for regulator					
	Frequency	50/60 Hz ±0.5Hz,subject to the main					
	Waveform	Pure Sine Wave					
	Wave Distortion	≤ 3%					
Protection		Overload High Temperature, Output high / low voltage, Battery low voltage, short circuit, over charge, over discharge					
Transfer Time		4ms					
B A T T E R Y	Battery Voltage (Long Backup)	12 VDC	24 VDC		48 VDC		72 VDC
	Built-in Battery (Short Backup)	2 x 12V-7Ah	2 x 12V-9Ah	External	4 x 12V-12Ah	External	
	Low Battery Voltage Limit	11V ± 0.5V	22V ± 0.5V		44V ± 1V		66V ± 1V
	Battery Low Voltage Protection	10.5V ± 0.5V	21V ± 0.5V		42V ± 1V		63V ± 1V
	Charge Current (Long Backup)	10A/15A/20A –Adjustable as per Battery Capacity					
	Cooling System	Yes					
E N V I R O N M E N T	Operating Temperature	0 – 55 °C					
	Relative Humidity	10%- 90% RH, non condensing					
	Storage Temperature	-15°C -60°C					
UPS Size (mm)		341 x 146 x 210		384 x 219 x 275		475 x 254 x 330	
Carton Size (mm)		465 x 405 x 285			445 x 270 x 340		559 x 305 x 419
Weight		12kg	22kg	28kg		40kg	42kg

All specifications/Front Display are subject to change without prior notice.

Lahore Address

Head Office: #19-A, Block E,
Opp. Elahi Tower, PIA Housing
Society, PIA Road, Lahore -
Pakistan
Tel: +92-42 35 400 400
www.mainlinedigital.com.pk