

tuncmatik Newtech ONE Rack Tower

1/3 kVA

ONLINE UPS (1/1)



True double-conversion online technology

Online UPS systems are the most suitable choice for computers and other sensitive equipment. These UPS systems completely isolate your sensitive equipment from the mains, charge their batteries using mains electricity, and supply your connected sensitive equipment using various filters. As a result, all undesirable situations that may occur on the mains are filtered by the online UPS and your sensitive devices are powered with clean energy.

High output power factor (PF=1)

Provides 11% more power at the output compared to standard 0.9 power factor UPSs. Supports more electrical/electronic devices.

Full sine wave output

Fully compatible with all types of electrical devices, ideal for medical and similar critical applications.

Wide input voltage range (110-300 VAC)

Ability to operate online without switching to battery even at very low and very high voltages.

Input power factor correction (PF=0.99)

Does not add additional compensation load to your network. Saves on your electricity bills.

Smart charging technology for optimal battery performance

Extends battery life, reduces operating costs, and saves money by charging the battery using a special charging technique.

High-performance microprocessor

CPU-controlled control board with digital structure and high speed ensures full protection by performing UPS protection functions such as overload, short circuit, low/high voltage, and overheating in a timely manner, thereby ensuring that the UPS has a stable and reliable structure.



tuncmatik**Newtech ONE Rack Tower****1/3 kVA**

ONLINE UPS (1/1)

MODEL		1 kVA		3 kVA	
Capacity (VA/W)		1000 VA / 1000W		3000 VA / 3000 W	
INPUT					
Nominal Voltage		100 / 110 / 115 / 120 / 127 VAC or 200 / 208 / 220 / 230 / 240 VAC			
Voltage Range		55-150VAC or 110-300VAC ±5% at 50%-0% load, 80-150VAC or 160-300VAC ±5% at 100%-50% load			
Frequency Range		40Hz~ 70 Hz			
Phase		Single Phase + Ground			
Power Factor		≥0.99 (Nominal input voltage)			
OUTPUT					
Output Voltage		100 / 110 / 115 / 120 / 127 VAC or 200 / 208 / 220 / 230 / 240 VAC			
Power Factor (PF)		1			
AC Voltage Regulation		±1%			
Frequency Range	Synchronous Mode	47Hz ~ 53Hz in a 50Hz system, 57Hz ~ 63Hz in a 60Hz system			
	Battery Mode	50 Hz ±0.1 Hz or 60 Hz ±0.1 Hz			
Overload	Grid Mode	60 minutes at 100-110% load, 10 minutes at 110-125% load, 1 minute at 125-150% load, immediately at >150% load			
	Battery Mode	3 minutes at 100-110% load, 30 seconds at 110-130% load, immediately at >130% load.			
Crest Factor		3:1			
Harmonic Distortion		≤2% (linear load), ≤5% (nonlinear load)			
Transfer	Grid <-> Battery Mode	0ms			
Duration	Inverter <-> ECO	8 ms (Typical), 10 ms(max)			
EFFICIENCY					
Grid Mode		%92		%94	
ECO Mode		%96		%97	
Battery Mode		%89		%91	
BATTERY					
Battery Type		12V 9AH	12V 7AH	12V 9AH	
Number of Batteries		2	3	6	
Charging Time		The internal battery recharges to 90% capacity in 4 hours			
Charging Current		1.5 A		1.5 A	
Charging Voltage		27.4 VDC±%1	41.1 VDC±%1	54.8 VDC ±%1	82.1 VDC±%1
DIMENSIONS & WEIGHT					
D x W x H (mm)		438 x 410 x 88		550 x 438 x 88	
Weight (kg)	External Battery	5.2	6.4	8.6	
	Internal Battery	11	13.5	26.7	
ENVIRONMENTAL					
Operating Temperature		0 - 40°C			
Humidity		20% - 90% (non-condensing)			
Noise Level		<50dBA (from 1 meter)			
SOFTWARE & MANAGEMENT					
Smart RS232 or USB		Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix ve MAC			
SNMP (Optional)		SNMP manager and web browser power management			