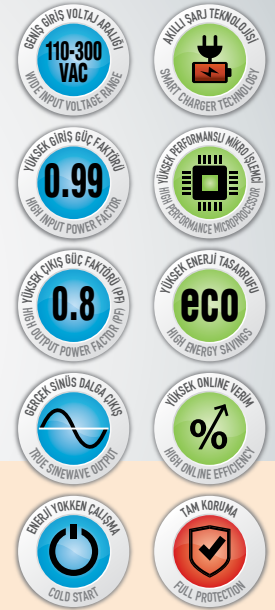


TUNCMATIK NEWTECH PRO RACK MOUNT 1/2/3 kVA ONLINE UPS



Real double conversion online technology

Online UPSs are an ideal choice especially for computers and other sensitive equipment. Online UPS completely isolates your equipment from the mains, charges its batteries from mains power and by using kinds of filters, supplies connected loads with power. As a result all unwanted conditions that may occur in mains are filtered by online UPS and your sensitive equipment is supplied with clean energy.

Real sine wave output

Fully compatible with all kinds of equipment. Ideal for medical and critical applications.

Wide input voltage range (110-300 VAC)

Online operation with very low and high voltages without using battery power.

Input power factor correction (PF=0.99)

Reduces consumed electrical energy and yields saving in electric bills.

High output power factor (PF=0.8)

15% more power at the output in comparison to standard 0.7 power factor UPS systems. Can support more equipment.

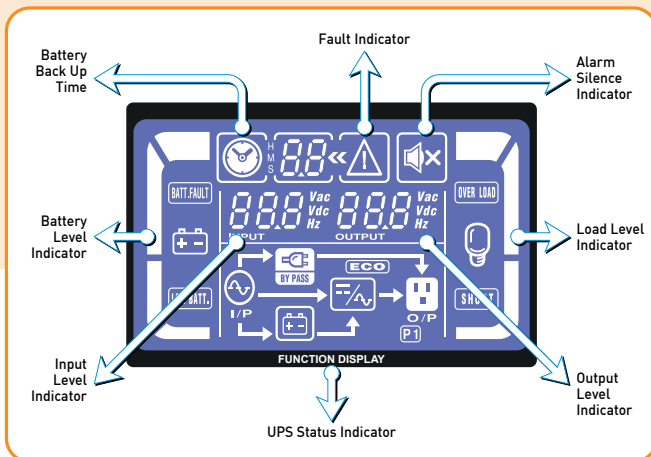
Smart charger technology for optimum battery performance

Provides longer battery life and lower operational costs due to special charging technique.

High performance microprocessor

Because of its CPU control, digital structure and high speed; UPS performs overload, short circuit, low-high voltage and overtemperature protections. By providing complete protection ensures a stable and reliable operation.

NEWTECH PRO RACK MOUNT 1 kVA	NEWTECH PRO RACK MOUNT 2 kVA	NEWTECH PRO RACK MOUNT 3 kVA
KAPASİTE / CAPACITY	KAPASİTE / CAPACITY	KAPASİTE / CAPACITY
3 PC 3 MONITOR	6 PC 6 MONITOR	9 PC 9 MONITOR
1 PRINTER 1 PC 30 dk/min Yaklaşık 1 ağırlık	2 PRINTER 2 PC 30 dk/min Yaklaşık 1 ağırlık	3 PRINTER 3 PC 30 dk/min Yaklaşık 1 ağırlık



MULTI FUNCTION BUTTONS

- 208/220/230/240 VAC Selectable Output Voltage
- 50/60 Hz Frequency Converter Mode
- ECO Mode High Energy Savings
- EPO - Emergency Power Off
- Programmable Output

Everything is under control with multi function, easy to read LCD panel. New advanced LCD panel shows functions, input and output readings, and alarms.

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NEWTECH PRO**RACK MOUNT 1/2/3 kVA****ONLINE UPS**

CAPACITY		1000 VA 800 W	2000 VA 1600 W	3000 VA 2400 W
INPUT				
Voltage range	Low voltage transfer	160 VAC - 80-100%, 140VAC - 70-80%, 120 VAC - 60-70%, 110 VAC - 0-60%		
	Low voltage back transfer	170 VAC - 80-100%, 150VAC - 70-80%, 130 VAC - 60-70%, 120 VAC - 0-60%		
	High voltage transfer	300 VAC ± 5%		
	High voltage back transfer	290 VAC ± 5%		
Frequency range		40 Hz ~ 70 Hz		
Phase		Single phase + Neutral + Ground		
Power factor		≥ 0.99, by 100% load		
OUTPUT				
Output voltage		208 / 220 / 230 / 240 VAC		
Output power factor (PF)		0.8		
AC voltage regulation (Battery mode)		± 1%		
Frequency range (Senkron)		47 Hz ~ 53 Hz or 57 Hz ~ 63 Hz		
Frequency range (Battery mode)		50 Hz ± 0.2 Hz or 60 Hz ± 0.2 Hz		
Overload	Line mode	%105-110 overload alarm, %110-130 transfer to by-pass in 30sec, %130-150 transfer to by-pass in 1,5sec		
	Battery mode	%105-110 overload alarm, %110-130 shuts down in 30sec, %130-150 shuts down in 1,5sec		
Current crest ratio		3:1 max.		
Harmonic distortion		≤ 2% THD (linear load) ≤ 8% THD (non-linear load)		
Transfer time	Line ↔ Battery	0 msec		
	Inverter ↔ By-pass	4 msec (typical)		
Waveform (Battery mode)		Pure sinewave		
EFFICIENCY				
Line mode		~ 86%	~ 86%	~ 88%
Battery mode		~ 83%	~ 85%	~ 86%
BATTERY				
Type & number of battery		12V 9Ah x 2	12V 10Ah x 4	12V 9Ah x 6
Charge time		5 hours for recharging up to 90% capacity		
Charge current		1.0 A		
Charge voltage		27.4 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ± 1%
INDICATORS & ALARM				
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, Fault conditions		
Alarm		Battery mode, Low battery, Overload, Fault		
DIMENSIONS & WEIGHT				
D x W x H (mm)		415 x 440 x 89 [2U]	515 x 440 x 89 [2U]	635 x 440 x 89 [2U]
Net weight (kg)		13.2	20.6	29
ENVIRONMENTAL				
Operating temperature		0-40°C		
Humidity		20-90% RH (non-condensing)		
Noise level (audible)		< 50 dBA, from 1 m		
MANAGEMENT				
Smart RS-232 or USB		Windows® 98/2000/2003/XP/Vista/2008, Windows® 7/8, Linux, MAC		
SNMP (Optional)		Power management from SNMP manager and web browser		