

tuncmatik
NEWTECH PRO
1/2/3 KVA



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.

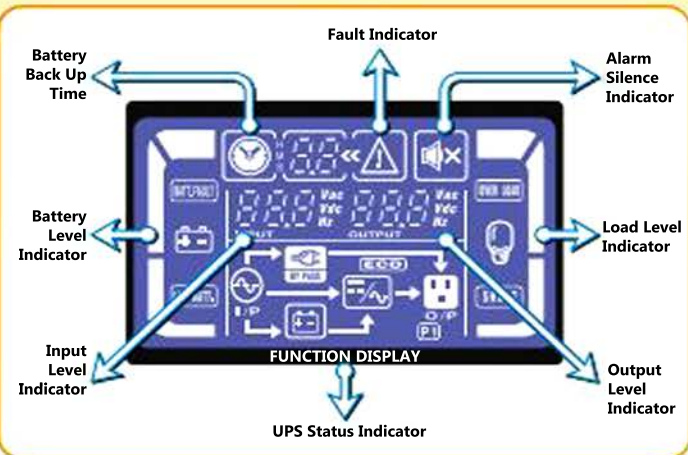
Smart charger technology for optimum battery performance

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 1 kVA		NEWTECH PRO 2 kVA		NEWTECH PRO 3 kVA	
KAPASITE / CAPACITY		KAPASITE / CAPACITY		KAPASITE / CAPACITY	
3 PC	3 MONITOR	6 PC	6 MONITOR	9 PC	9 MONITOR
1 PRINTER	30 3 PC 30 3 PC 30 3 PC 30	2 PRINTER	30 3 PC 30 3 PC 30 3 PC 30	3 PRINTER	30 3 PC 30 3 PC 30 3 PC 30



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



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





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 ± %5		
	High voltage transfer	300 VAC ± %5		
	High voltage back transfer	290 VAC ± %5		
Frequency range		40 Hz ~ 70 Hz		
Phase		Single phase + Neutral + Ground		
OUTPUT				
Voltage		200 / 208 / 220 / 230 / 240 VAC		
Output power factor (PF)		0.8		
AC voltage regulation (Battery mode)		± 2%		
Frequency range (Synchronized)		47 Hz ~ 53 Hz or 57 Hz ~ 63 Hz		
Frequency range (Battery mode)		50 Hz ± 0.25 Hz or 60 Hz ± 0.3 Hz		
Overload	Line mode	110-110% 10min, %110-130 transfer to by-pass in 30sec, %130-150 transfer to by-pass in 1.5sec, >%150 by-pass		
	Battery mode	110-110% 10min, %110-130 shuts down in 30sec, %130-150 shuts down in 1.5sec, >%150 shuts down		
Current crest ratio		3:1 max.		
Harmonic distortion		≤ 3% THD (linear load) ≤ 6% THD (non-linear load)	≤ 4% THD (linear load) ≤ 7% THD (non-linear load)	
Transfer time	Line Inverter	0 msn		
	Battery By pass	4 msec (typical)		
Waveform (Battery mode)		Pure sinewave		
EFFICIENCY				
Line mode		~ %85	~ %88	~ %88
Battery mode		~ %83		
BATTERY				
Standart model	Type & number of battery	12V 7Ah x 3	12V 7Ah x 6	12V 9Ah x 6
	Charge time	4 hours for recharging up to 90% capacity		
	Charge current	1 A max.		
Long run model	Charge voltage	41.0 VDC ± %1	82.1 VDC ± %1	
	Charge time	Depends on external battery capacity		
	Charge current	8 A max.		
Long run model	Charge voltage	41.0 VDC ± %1	82.1 VDC ± %1	
	Charge current	8 A max.		
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)		397 x 145 x 220	421 x 190 x 318	
Net weight (kg)		13	25	28
ENVIRONMENTAL				
Operating temperature		0-40°C		
Humidity		20-90% RH (non-condensing)		
Noise Level (audible)		< 50 dBA, from 1m		
MANAGEMENT				
Smart RS-232 or USB		Windows® 98/2000/2003/XP/Vista/2008, Windows® 7/8, Linux, MAC		
RJ11/45 protection port		Phone - Network - Modem Protection		
SNMP (Optional)		Power management from SNMP manager and web browser		