

tuncmatik

NEWTECH PRO II LED

1/2/3 kVA

ONLINE UPS (1/1)



True double conversion online technology

Online UPS is the most suitable choice, especially for computers and other sensitive devices. This type of UPS completely isolates your sensitive devices from the mains and feeds your sensitive devices connected with the help of filters in the mains. As a result, all unwanted situations that may occur in the network are filtered by the online UPS and your sensitive devices are fed with pure power.

High output power factor (PF=0.8)

The UPS provides 14% extra power at the output compared to the standard UPS which are 0.7 power factor. That's why, it supports more electrical/electronics devices.

Pure sinewave output

Full compatibility with all kinds of electrical devices, the ideal solution for your medical and similar critical applications.

Wide input voltage range (110-300 VAC)

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

Input power factor correction (PF=0.99)

It does not impose an additional compensation load on your line. It saves on your electricity bills.

Intelligent charging technology for optimal battery performance

Since it charges the battery with a special charging technique, it extends the life of the battery, reduces your operating costs and provides savings.

High performance microprocessor

Thanks to the digital structure and high speed of the CPU-controlled control board it provides full protection by performing the protection functions of the UPS such as overload, short circuit, low-high voltage and over-temperature in a timely manner, thus ensuring that the UPS has a stable and reliable structure.



NEWTECH PRO II LED 1 kVA (1/1)		NEWTECH PRO II LED 2 kVA (1/1)		NEWTECH PRO II LED 3 kVA (1/1)	
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 / approx.	2 PRINTER	2 PC 30 dk/min Yaklaşık / approx.	3 PRINTER	3 PC 30 dk/min Yaklaşık / approx.



- 208/220/230/240 VAC Output Voltage Setting
- 50/60 Hz Frequency Converter Mode
- ECO Mode
- High Energy Saving

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CAPACITY		1000 VA 900 W	2000 VA 1800 W	3000 VA 2700 W		
INPUT						
Nominal voltage		200 / 208 / 220 / 230 / 240 VAC				
Voltage range	Low voltage transfer	%100-%80at load160 VAC ±%5, %80-%70 at load140 VAC ± %5, %70-%60 at load120 VAC ±%5, %60-%0 at load110 VAC ±%5, (<35°C)				
	Low voltage correction	%100-%80at load175 VAC ±%5, %80-%70 at load155 VAC ± %5, %70-%60 at load135 VAC ±%5, %60-%0 at load125 VAC ±%5, (<35°C)				
	High voltage transfer	300 VAC ± %5				
	High voltage correction	290 VAC ± %5				
Frequency range		40 Hz ~ 70 Hz				
Power factor		%100at load 0.990 (rated input voltage)				
Phase		Single phase + Earth				
OUTPUT						
Output Voltage		200 / 208 / 220 / 230 / 240 VAC				
Output power factor (PF)		0.8				
AC voltage regulation (Battery mode)		± %1				
Frequency Range (Synchronous mode)		47 Hz ~ 53 Hz or 57 Hz ~ 63 Hz				
Frequency Range (Battery mode)		50 Hz or 60 Hz ± 0.1 Hz				
Overload	Line Mode	%105-110 10dk then by-pass, %110-130 1dk then by-pass, %130-1 50 3sn then by-pass				
	Battery Mode	%105-110 1dk then by-pass, >%110 3sn then by-pass,				
Crest Factor		3:1 maxs.				
Harmonic distortion		≤ %3 THD (linear load) ≤ %6 THD (non-linear load)				
Transfer time	Line ↔ Battery Mode	0 msn				
	Inverter ↔ By-pass	4 msn (typical)				
Waveform (Battery mode)		Pure Sinewave				
EFFICIENCY						
Line Mode		~ %88	~ %89	~ %90		
Battery Mode		~ %83				
BATTERY						
Type & quantity	12V7AH	It depends on the capacity of the external batteries.	12V7AH	It depends on the capacity of the external batteries.	12V7AH	It depends on the capacity of the external batteries.
Battery quantity	2	2	4	4	6	6
Support time	Depends on battery capacity					
Charge voltage	27.4 VDC ± %1		54.7 VDC ± %1		82.1 VDC ± %1	
Charge current	1A		1A		1A	
INDICATORS						
LED Display	UPS status, Load level, Battery Level, Input/Output voltage, Discharge counter, Error status					
Alarm	Line failure, Low battery, Overload, System fault					
DIMENSIONS & WEIGHT						
D x W x H (mm)	293 x 144 x 209	293 x 144 x 209	399 x 144 x 209	399 x 144 x 209	460 x 191 x 337	460 x 191 x 337
Weight (kg)	8.9	4.2	16.2	6.3	24.8	6.5
ENVIRONMENTAL						
Operation temperature	0-40 °C					
Humidity	%20-90relative humidity (non-condensing)					
Noise level	< 50 dBA, 1 meters					
SOFTWARE & MANAGEMENT						
Smart RS-232 or USB	Windows® 98/2000/2003/XP/Vista/2008, Windows® 7/8, Linux, MAC					
SNMP (Optional)	Power management with SNMP manager and web browser					