

# tuncmatik PowerUP X9

## 6/10 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 line are filtered by the online UPS and your sensitive devices are fed with pure power.

### 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 (120-276 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.

### High output power factor (PF=0.9)

The UPS provides 28% 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.

### 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.

### High online efficiency

Thanks to its advanced technology, PowerUP X9 reaches an average efficiency level of %93 and pays of its investment cost in a short time.

### Parallel structure (Optional)

PowerUP X9 UPS has the ability to parallel up to 4 units.



### PowerUP X9 6 kVA

KAPASİTE / CAPACITY

18  
PC

18  
MONITOR

6  
PRINTER

1 PC  
30  
dk/min

Yaklaşık / appr.

### PowerUP X9 10 kVA

KAPASİTE / CAPACITY

30  
PC

30  
MONITOR

10  
PRINTER

1 PC  
30  
dk/min

Yaklaşık / appr.

### MULTI-FUNCTIONAL KEYS

- 208/220/230/240 VAC Output Voltage Setting
- 50/60 Hz Frequency Converter Mode
- EPO - Emergency Power Off
- High Energy Saving

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## 6/10 kVA

ONLINE UPS (1/1)



CAPACITY		6 kVA 5400 W	10 kVA 9000 W
<b>INPUT</b>			
Phase		Single phase + Neutral + Earth	
Nominal voltage		220/230/240 VAC	
Voltage range		120-276 VAC	
Frequency range		45-55 Hz de 50 Hz / 54-66 Hz de 60 Hz (automatic selection)	
Current THDi		≤%3 (%100non-lineer load), ≤%5 (%100 lineer load)	
Bypass voltage range		220 VAC Max.voltage: +%25 (optional +%10, +%15, +%20); 230 VAC Max. voltaj: +%20 (optional +%10, +%15) 240 VAC Max.voltage: +%15 (optional +%10) Min. voltaj: -%45 (optional -%20, -%30) Bypass Frequency Range : ±%1, ±%2, ±%4, ±%5, ±%10	
Power factor		≥ 0.99(InputTHDV ≤%1)	
<b>OUTPUT</b>			
Phase		Single phase + Neutral + Earth	
Rated voltage		220/230/240 VAC	
Power factor		0,9	
Voltage regulation		±1.0%	
Frequency	Normal mode	Same as mains frequency	
	Battery mode	(50/60 ±0.1%) Hz	
Crest Factor		3:1	
THDi		≤%2 (%100 linear load), ≤%5 (%100 non-linear load)	
Efficiency		≥92%	
<b>BATTERY</b>			
Type & quantity		12V 7Ah x 16	12V 9Ah x 16
Charge current (A)		1,0 A	
Transfer time		Line →Battery: 0 msn, Line →Bypass:0 msn	
<b>PROTECTION</b>			
Overload	AC mode	Yük: %105-%110 60dk ; %110-%125 10dk ; %125-%150 1dk ; >%150 200ms	
	Battery mode	Yük: %105-%110 10dk ; %110-%125 1dk ; >%125 200ms	
	Bypass mode	40 A (Fuse)	63 A (Fuse)
Over heating		Alarm	
Battery low		Alarm & Shut down	
Test		With software	
EPO (Opsional)		USB turns off immediately	
Battery		Intelligent battery management	
<b>DIMENSIONS &amp; WEIGHT</b>			
D x W x H (mm)		460 x 191 x 720	
Weight (kg)		60 kg	121 kg
<b>INDICATORS</b>			
Status LED & LCD		Line mode, Bypass mode, Low battery, Battery fault, Overload & UPS fault	
LCD Panel		Input voltage, Input frequency, Output voltage, Output frequency, Load persantage & temperature	
Audio & Visual		Line failure, Low battery, Overload, System fault	
<b>ENVIRONMENTAL</b>			
Operating temperature		0°C~40°C	
Humidity		0~%95 non-condensing	
Altitude		<1500 m	
Noise level		<55 dB 1 meters	
<b>SOFTWARE &amp; MANAGEMENT</b>			
Interfaces		USB, RS232, SNMP card (optional)	
<b>STANDARD CERTIFICATES</b>			
EMC		IEC62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5	
Security		IEC62040-1, GB4943-2005	