

UNINTERRUPTIBLE POWER SUPPLIES



tuncmatik POWER UP RACK TOWER 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 network 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 (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.

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.



With the easy to read multifunctional LCD display everything is under control. Thanks to new advanced LCD screen, input-output values and alarms can be easily monitored.

**POWER UP
RACK TOWER 6 kVA**

KAPASİTE / CAPACITY

18 PC	18 MONITOR
6 PRINTER	1 PC 30 dk/min yaklaşık / approx.

**POWER UP
RACK TOWER 10 kVA**

KAPASİTE / CAPACITY

30 PC	30 MONITOR
10 PRINTER	1 PC 30 dk/min yaklaşık / approx.

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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CAPACITY		6000 VA 5400 W	10000 VA 9000 W
INPUT			
Voltage range	Low voltage transfer	176 VAC - %100 yükte, 110 VAC - %50 yükte	
	Low voltage correction	186 VAC - %100 yükte, 120 VAC - %50 yükte	
	High voltage transfer	300 VAC \pm %5	
	High voltage correction	290 VAC \pm %5	
Frequency range		For 50Hz system 46 Hz~54 Hz, For 60 Hz system 56 Hz~64 Hz	
Power factor		\geq 0.9 , %100 load	
Phase		Single phase + Neutral + Earth	
OUTPUT			
Output Voltage		208 / 220 / 230 / 240 VAC	
Output power factor (PF)		0.8	
AC voltage regulation (Battery mode)		\pm %1	
Frequency Range (Synchronous mode)		50 Hz için 46 Hz ~ 54 Hz / 60 Hz için 56 Hz ~ 64 Hz	
Frequency Range (Battery mode)		50 Hz \pm 0.2 Hz or 60 Hz \pm 0.2 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		\leq %3 THD (linear load) \leq %6 THD (non-linear load)	
Transfer time	Line \leftrightarrow Battery Mode	0 msn	
	Inverter \leftrightarrow By-pass	4 msn (typical)	
Waveform (Battery mode)		Pure Sinewave	
EFFICIENCY			
Line Mode		~ %89	
Battery Mode		~ %88	
BATTERY			
Type & quantity		12V 7Ah x 20	12V 9Ah x 20
Support time		90% capacity up to 5 hours (typical)	
Charge voltage		1.0 A	
Charge current		273 VDC \pm %1	
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)		UPS: 580 x 438 x 133 [3U] Battery Module: 580 x 438 x 133 [3U]	UPS: 668 x 438 x 133 [3U] Battery Module: 668 x 438 x 133 [3U]
Weight (kg)		UPS: 17 Battery Module: 57	UPS: 20 Battery Module: 63
Weight (kg)		13.2	29
ENVIRONMENTAL			
Operation temperature		0-40 °C	
Humidity		%20-90 relative humidity (non-condensing)	
Noise level		<55dBA, From 1meter	<58dBA, From 1meter
SOFTWARE & MANAGEMENT			
Smart RS-232 or USB		Windows® 98/2000/2003/XP/Vista/2008, Windows® 7/8, Linux, MAC	
SNMP (Optional)		SNMP yöneticisi ve web tarayıcı ile güç yönetimi	
EPO (Optional)		UPS immediatly shuts down	