UNINTERRUPTIBLE POWER SUPPLIES



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SARJ TEKNOLOUS

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SEK ONLINE VERIN

tuncmatik NEWTECH PRO II X9 LCD 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=0.9)

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.

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.

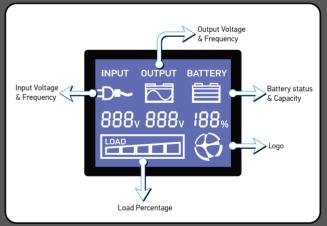
High performance microprocessor

Thanks to the digital structure and high speed of the CPU-controlled control board is 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.



STILL AND BAGLANABILE

O O OPTION



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.



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

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Votage range Low voltage correction %100-%800 at load175 VAC ±%5, %40-%40 at load135 VAC ±%5, %60-%0 at load125 VAC ±%5, (<35*C)								
Nominal value 200 / 200 / 220 / 230 / 240 VAC Low voltage transfer %100-%60 at load 10 VAC ±%5, %60-%70 at load 140 VAC ±%5, %60-%60 at load 125 VAC ±%5, %60-%60 at load 126 VAC ±%5,	CAPACITY							
Line Line Vit00-%80.at load 160 VAC ±%5, %80-%70 at load 140 VAC ± %5, %70-%60 at load 120 VAC ±%5, %60-%0.at lo	INPUT							
Votage name %100-%80.at load175 VAC ±%5, %80-%70 at load135 VAC ±%5, %60-%10 at load135 VAC ±%5, %60-%10 at load125 VAC ±%5, (<35*C) High votage correction 300 VAC ±%5 Frequency range 40 Hz ~ 70 Hz Power factor %100-%80.at load 0.990 (rated input votage) Bypass votage cange Bypass high votage point 200/200/220/220/220/220/220/220/220/220	Nominal voltage	200 / 208 / 220 / 230 / 240 VAC						
Interface 300 VAC ± %5 High voltage correction 230 VAC ± %5 Prequency range 40 H2 ~ 70 Hz Power factor %100 at load 0.990 (rated input voltage) Bypass voltage range Bypass high voltage point 200/208/220/230/240 VAC output models: 120-264: range can be adjusted from the LCD panel. (Default value: 120 VAC) Phase Bypass high voltage point 200/208/220/230/240 VAC output models: 120-228: range can be adjusted from the LCD panel. (Default value: 120 VAC) OUTPUT Output Voltage 200/208/220/230/240 VAC output models: 120-228: range can be adjusted from the LCD panel. (Default value: 120 VAC) Output Votage 200/208/220/230/240 VAC output models: 120-228: range can be adjusted from the LCD panel. (Default value: 120 VAC) Output Votage 200/208/220/230/240 VAC 0.9 Act voltage regulation 4%181-101 120 VAC (Battery mode) 47 Hz ~ 53 it zvgs 57 Hz ~ 63 Hz Frequency. Range (Synchronus mode) 47 Hz ~ 53 Hz vgs 57 Hz ~ 63 Hz Frequency. Range (Synchronus mode) 48 HS -101 104 then bypass. %130 130 then bypass. 48 HS 48 HS Current Value \$102 Hill Shift Sh	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)						
High voltage correction 200 VA ± %5 Frequency range 40 Hz - 70 Hz Power factor %100 301 0a0 0.990 (rated input voltage) Bypass voltage range Bypass high voltage point 200/200/220/230/240 VAC output models: 128-246: range can be adjusted from the LCD panel. (Default value: 240/AC) Bypass voltage carring Bypass high voltage point 200/200/220/230/240 VAC output models: 128-246: range can be adjusted from the LCD panel. (Default value: 170/AC) Phase 200 / 200 / 220 / 230 / 240 VAC Output / Voltage 200 / 200 / 220 / 230 / 240 VAC Output / Voltage 200 / 200 / 220 / 230 / 240 VAC Output / Voltage 200 / 200 / 230 / 240 VAC Output / Voltage 200 / 200 / 230 / 240 VAC Output / Voltage 200 / 200 / 230 / 240 VAC Glattery mode 47 Hz - 53 Hz verys 57 Hz - 63 Hz Frequency Range (Battery mode) 59Hz or 60 Hz ± 0.11 Hz Prequency Range (Battery Mode 31 mass. Harmonic distortion <\$33 HO (lineer load) Immer Hy Mode 0msn Immer (Battery Mode 0msn Immer (Battery Mode 0msn Battery Mode -%88 BATTERY 1209AH <th>Voltage Low voltage correction</th> <th colspan="6">%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)</th>	Voltage 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)						
Frequency range 40 Hz ~ 70 Hz Power factor %100 at load 0.990 (rated input voltage) Bypass voltage range Bypass high voltage point 200/200/220/230/240 VAC output models: 170-220: range can be adjusted from the LCD panel. (Default value: 170VAC) Phase Single phase + Earth OUTPUT 0.9 Output Voltage 0.9 AC voltage regulation (datery mode) ±%1 Frequency Range (Synchronous mode) 47/hc - 53 Hz vog 57 Hz - 63 Hz Frequency Range (Synchronous mode) 50 Hz or 60 Hz ± 0.1 Hz Overtoal %1005-110 104k then bypass, %110-130 104k then bypass, %110-130 then bypass Battery Mode %105-110 104k then bypass, %110-130 104k then bypass, %110-130 then bypass Creat Factor 3.1 max. Harmonic distortion ≤ %3 TH0 (linear tad) Yee & Quantity 12 Vog AH Itre depends on the capacity if the external batteries. -%80 Battery Mode -%80 EFFICIENCY -%80 Ype & quantity 12 Vog AH It depends on the capacity of the external batteries. 12 Vog AH Pare Site voltage 27.4 VDC ±%1 Battery Mode -%83 EFFICIENCY 2 Line Mode -%80 Battery Mode -%80 Battery Mode -%80	range High voltage transfer							
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Bypass voltage range Bypass high voltage point 200/200/220/230/240 VAC output models: 230-246/range can be adjusted from the LCD panel. (Default value: 244VAC) Bypass high voltage point 200/200/230/230/240 VAC output models: 170-220: range can be adjusted from the LCD panel. (Default value: 170VAC) Phase Single phase + Earth OUTPUT 0.9 Output Voltage 200/200/200/200/200/200/200/200/200/200	Frequency range	40 Hz ~ 70 Hz						
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Bypass high voltage point 200/2002/20/240 V/L output models: 1/20/21 rage can be adjuited from the LCD panel, (behauft value: 1/20/21) Output voltage Output voltage Could by the second of the se	Bypass voltage range	Bypass high voltage point 200/208/220/230/240 VAC output models: 230-264: range can be adjusted from the LCD panel. (Default value: 264VAC)						
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Frequency Range (Synchronous mode) 47 Hz ~ 53 Hz veys 57 Hz ~ 63 Hz Frequency Range (Battery mode) 50 Hz or 60 Hz ± 0.1 Hz Overlaad %105-110 10dk then by-pass, %110-130 1dk then by-pass, %110 3 sn then by-pass, Grest Factor 31 maxs. Harmonic distortion \$%33 THD (linear load) Transfer Line 4→ Battery Mode Immet Line 4→ Battery Mode 0 msn Immet Harmonic distortion \$%61THD (non-linear load) Statery Mode 0 msn Immet Harmonic Battery Mode 0 msn EFFICIENCY 0 msn Line Mode ~%88 Statery Mode ~%88 Support time 12V9AH It depends on the capacity of the external batteries. 12V9AH It depends on the capacity of the external batteries. Support time Depends on battery capacity 12V9AH 12V9AH 12V9AH 12V9AH 12V9AH 12V9AH 12V9AH 12V9AH 12V9A				±	%1			
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Battery Mode %105-110 1dk then by-pass, %110 3sn then by-pass, Crest Factor 3.1 maxs. Harmonic distortion S %67 THD (inear load) Transfer Line ++> Battery Mode O'msn Inverter ++> By-pass O'msn Waveform (Battery mode) Pure Sinewave EFFICIENCY U Line Mode ~%88 ~%90 Battery Mode ~%88 C%90 Battery Mode ~%88 ~%90 Battery Mode ~%88 ~%90 Battery Mode ~%88 ~%90 Battery Mode ~%88 ~%90 Battery Quantity 12V9AH It depends on the capacity of the external batteries. 12V9AH It depends on the capacity of the external batteries. 12V9AH It depends on the capacity of the external batteries. 12V9AH It depends on the capacity of the external batteries. 6 6 5 Battery quantity 2 2 4 4 6 6 6 5 5 7	Line Mode							
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Weight (kg) 8.9 4.2 16.2 6.3 24.8 6.5		8.9	4.2	16.2	6.3	24.8	6.5	
ENVIRONMENTAL Operation temperature 0-40 °C				0.4) ° C			
		-	0-40 ° C %20-90 relative humidity (non-condensing)					
	,		< 50 dBA, 1 meters					
SOFTWARE & MANAGEMENT		ит						
Smart RS-232 or USB Windows® 98/2000/2003/XP/Vista/2008 Windows® 7/8 Linux ΜΔC								
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								