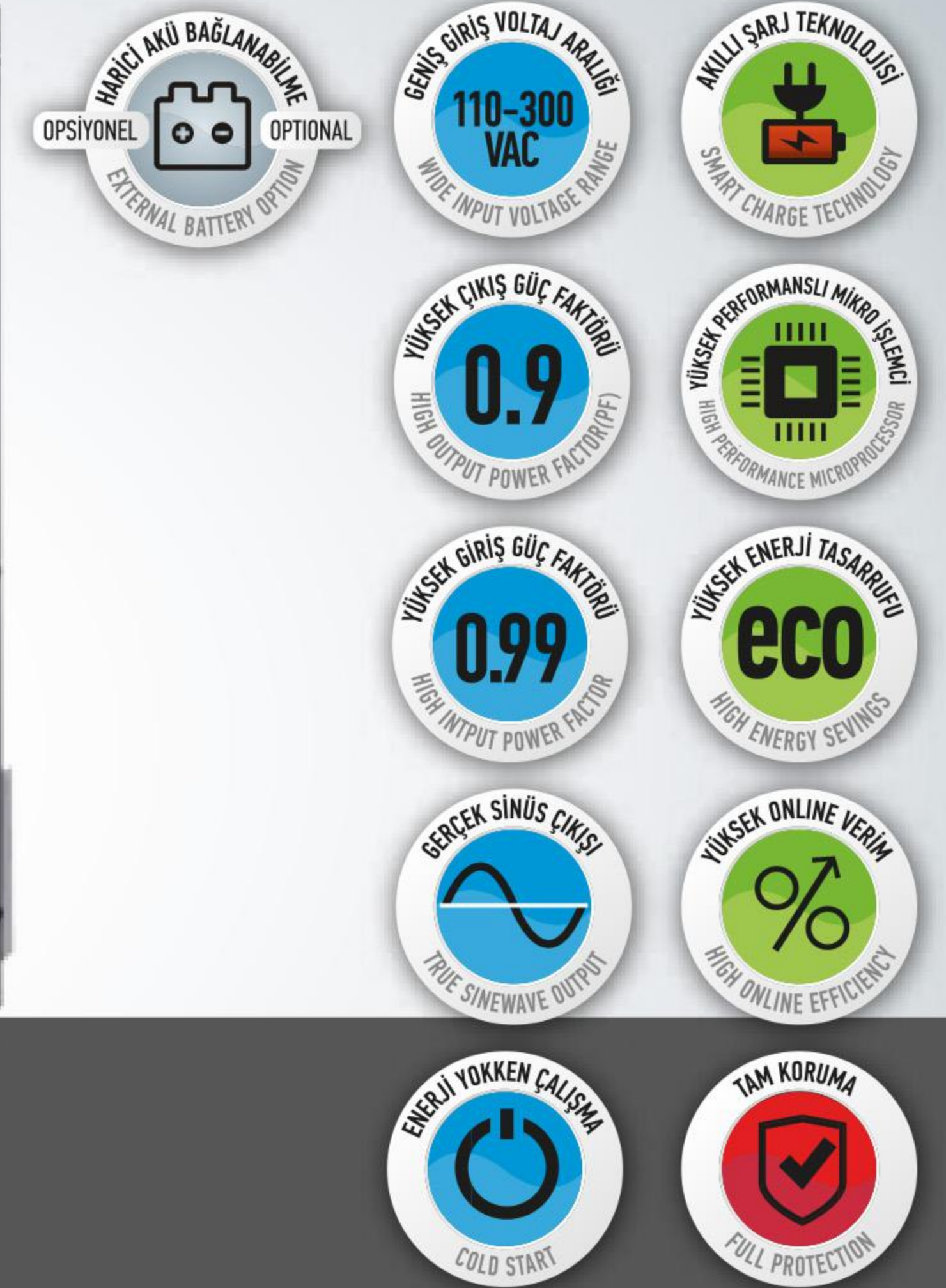


UNINTERRUPTIBLE POWER SUPPLIES

tuncmatik NEWTECH PRO X9 DSP 10/20/30 kVA ONLINE UPS (3/1)



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)

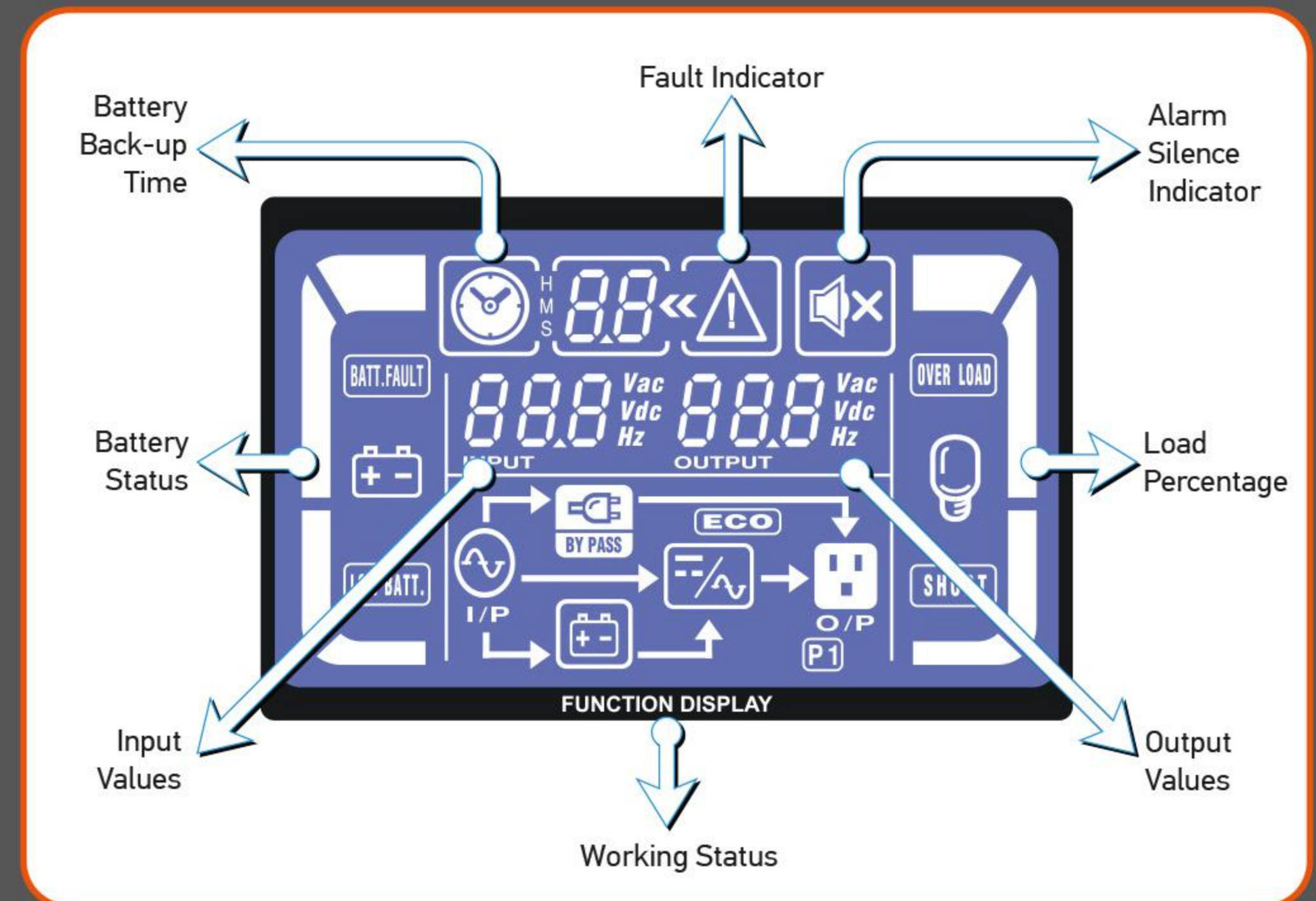
The UPS provides 28% extra power at the output compared to the standard UPS which are 0.7 power factor. That's why, it supports more electrical/electronics devices.

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.



MULTI-FUNCTIONAL KEYS

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

NEWTECH PRO X9 DSP 10 kVA (3/1)	NEWTECH PRO X9 DSP 20 kVA (3/1)	NEWTECH PRO X9 DSP 20 kVA (3/1)
KAPASİTE / CAPACITY	KAPASİTE / CAPACITY	KAPASİTE / CAPACITY
30 PC 30 MONITOR	60 PC 60 MONITOR	90 PC 90 MONITOR
10 PRINTER 1 PC 30 dk/min yaklaşık / appl.	20 PRINTER 1 PC 30 dk/min yaklaşık / appl.	60 PRINTER 1 PC 30 dk/min yaklaşık / appl.

tuncmatik
NEWTECH PRO X9
DSP 10/20/30 kVA
ONLINE UPS (3/1)



CAPACITY		10 kVA 9000 W	20 kVA 18000 W	30 kVA 27000 W
INPUT				
Voltage range	Low voltage transfer	%50 load 110 VAC ± %3, %100 load 176 VAC ± %3		
	Low voltage correction	%50 load 120 VAC ± %3, %100 load 186 VAC ± %3		
	High voltage transfer	300 VAC ± %5		
	High voltage correction	290 VAC ± %5		
Frequency range		For 50Hz system 46 Hz~54 Hz, For 60 Hz system 56 Hz~64 Hz		
Power factor		%100at load 0.990 (rated input voltage)		
Phase		Three Phase + Neutral + Earth		
OUTPUT				
Phase		Single Phase + Neutral + Earth		
Output Voltage		200 / 208 / 220 / 230 / 240 VAC		
Output power factor (PF)		0.9		
AC voltage regulation (Battery mode)		± %1		
Frequency Range (Synchronous mode)		For 50Hz system 46 Hz~54 Hz, For 60 Hz system 56 Hz~64 Hz		
Frequency Range (Battery mode)		50 Hz or 60 Hz ± 0.1 Hz		
Overload	Line Mode	%100 ~ %110 : 10 min, %110 ~ %130 : 1 min, > %130 : 1 sec		
	Battery Mode	%100 ~ %110 : 30 sec, %110 ~ %130 : 10 sec, > %130 : 1 sec		
Crest Factor		3:1 maxs.		
Harmonic distortion		≤ %2 THD (linear load) ≤ %5 THD (non-linear load)		
Transfer time	Line ↔ Battery Mode	0 msn		
	Inverter ↔ By-pass	0 msn		
EFFICIENCY				
Line Mode		%91.5	%91.8	%92.1
Battery Mode		%87	%88	%89
BATTERY				
Standard Model	Type & Quantity	12V 9Ah x 20	12V 9Ah x 40	12V 9Ah x 60
	Charge time	5 hours up to 90% capacity		
	Charge current	1.0 A ± %10 maks.	2.0 A ± %10 maks.	4.0 A ± %10 maks.
	Charge voltage	273 VDC ± %1		
Long Run Model	Type & Quantity	Type: Depends on the applications - 18-20 peice		
	Charge time	It depends on the capacity of the external batteries.		
	Charge current	4.0 A ± %10 maxs.	8.0 A ± %10 maxs.	12.0 A ± %10 maxs.
	Charge voltage	286 VDC ± %1		
INDICATORS				
LED Display		UPS status, Load level, Battery Level, Input/Output voltage, Discharge counter, Error status		
Alarm		Line fault, Low battery, Overload, System fault		
DIMENSIONS & WEIGHT				
Standard Model	D x W x H (mm)	592 x 250 x 576	815 x 250 x 826	815x300x1000
	Weight (kg)	83	164	234
Long Run Model	D x W x H (mm)	592x250x576	592x250x576	815x250x826
	Weight (kg)	26	40	64
ENVIRONMENTAL				
Working temperature		0-40 ° C		
Humidity		%20-95 relative humidity (non-condensing)		
Noise level		< 58 dBA, 1 meters	< 60 dBA, 1 meters	< 65 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		
EPO (Optional)		UPS immediatly shuts down		