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Newtech ONE Rack Tower

6/10 kVA

ONLINE UPS (1/1)

True double-conversion online technology
Online UPS systems are the most suitable choice for computers and other sensitive equipment. These UPS systems completely isolate your sensitive equipment from the mains, charge their batteries using mains electricity, and supply your connected sensitive equipment using various filters. As a result, all undesirable situations that may occur on the mains are filtered by the online UPS and your sensitive devices are powered with clean energy.

High output power factor (PF=1)
Provides 14% more power at the output compared to standard 0.9 power factor UPSs. Supports more electrical/electronic devices.

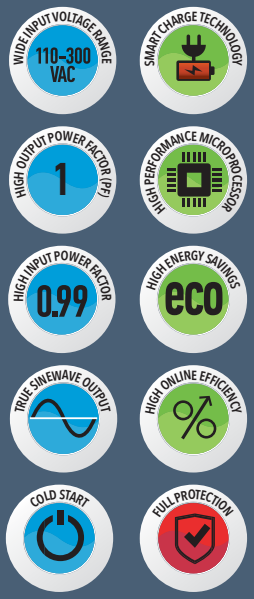
Full sine wave output
Fully compatible with all types of electrical devices, ideal for medical and similar critical applications.

Wide input voltage range (110-300 VAC)
Ability to operate online without switching to battery even at very low and very high voltages.

Input power factor correction (PF=0.99)
Does not add additional compensation load to your network. Saves on your electricity bills.

Smart charging technology for optimal battery performance
Extends battery life, reduces operating costs, and saves money by charging the battery using a special charging technique.

High-performance microprocessor
CPU-controlled control board with digital structure and high speed ensures full protection by performing UPS protection functions such as overload, short circuit, low/high voltage, and overheating in a timely manner, thereby ensuring that the UPS has a stable and reliable structure.



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6/10 kVA

ONLINE UPS (1/1)

MODEL		6kVA	10kVA
Capacity* (VA/W)		6000 VA / 6000 W	10000 VA / 10000 W
INPUT			
Nominal Voltage		208 / 220 / 230 / 240 VAC	
Voltage Range	Low Voltage Transfer	176VAC ±5% at 100%-60% load, 110VAC ±3% at 60%-0% load	
	High Voltage Transfer	300VAC ±%3	
Frequency Range		46Hz～ 54 Hz or 56Hz ～ 64 Hz	
Phase		Single Phase + Ground	
Power Factor		≥0.99 (Nominal input voltage)	
ÇIKIŞ			
Output Voltage		208 / 220 / 230 / 240 VAC	
Power Factor (PF)		1	
AC Voltage Regulation		±1%	
Frequency Range	Synchronous Mode	46Hz～ 54 Hz or 56Hz ～ 64 Hz	
	Battery Mode	50 Hz ±0.1 Hz or 60 Hz ±0.1 Hz	
Overload	Grid Mode	100-110% load: 60 minutes, 125-150% load: 1 min, >150% load: immediately	
	Battery Mode	3 minutes at 100-110% load, 30 seconds at 110-130% load, immediately at >130% load.	
Crest Factor		3:1	
Harmonic Distortion		≤1% (linear load), ≤4% (nonlinear load)	
Transfer Duration	Grid <-> Battery Mode	0ms	
	İnverter <-> Bypass	0ms	
EFFICIENCY			
Grid Mode		%95	
Battery Mode		%93	
BATTERY			
Long Term Model	Battery Type	It depends on the capacity of the external battery	
	Number of Batteries	16 - 20	
	Charging Current	2A ± 10% (Standard) (1A /2A /4A /6A /8 A Adjustable)	
	Charging Voltage	(13.65 VDC x number of batteries) ±1%	
DIMENSIONS & WEIGHT			
D x W x H (mm)		369 x 190 x 337	
Weight (kg)		14	15
ENVIRONMENTAL			
Operating Temperature		0 - 40°C	
Humidity		20-95% (non-condensing)	
Working height**		<1000 m	
Noise Level		<55dBA (from 1 meter)	<58dBA (from 1 meter)
SOFTWARE & MANAGEMENT			
Smart RS232 or USB		Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix and MAC	
SNMP (Optional)		SNMP manager and web browser power management	

* When the capacity is set to 60% of the normal value in CVCF mode and the output voltage is set to 208VAC, or when the UPS is operated in parallel.

**If the UPS is installed or used in locations with an altitude higher than 1000 meters, the output power will decrease by 1% for every 100 meters.