

tuncmatik

PowerUP ONE

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.

High output power factor (PF=1)

The UPS provides 11% extra power at the output compared to the standard UPS which are 0.9 power factor. That's why, it supports more electrical/electronics devices.

Pure sine wave output

Full compatibility with all kinds of electromical devices, the ideal solution for your medical and similar critical applications.

Wide input/output (110-300 VAC)

Full compatibility with all kinds of electrical devices, the ideal solution for your medical and similar critical applications.

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 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 ONE reaches an average efficiency level of 94% and pays of its investment cost in a short time.

Parallel structure (Optional)

PowerUP ONE has the ability to parallel up to 4 units.

POWERUP ONE 6 kVA (1/1)		POWERUP ONE 10 kVA (1/1)	
KAPASİTE / CAPACITY		KAPASİTE / CAPACITY	
18 PC	18 MONITOR	30 PC	30 MONITOR
6 PRINTER	1 PC 30 dk/min Jakaşık / appt.	10 PRINTER	1 PC 30 dk/min Jakaşık / appt.



tuncmatik

PowerUP ONE**6/10 kVA**

ONLINE UPS (1/1)

MODEL		6 kVA	10 kVA
Capacity* (VA/W)		6000 VA / 6000 W	10000 VA / 10000 W
INPUT			
Nominal Voltage		208 / 220 / 230 / 240 VAC	
Voltage Range	High Voltage Transfrer	At %100-%60 load 176VAC \pm 5, at %60-%0 load 110VAC \pm 3	
	Low Volage Transfrer	300VAC \pm 3	
Frequency Range		At 50Hz system 46Hz \sim 54 Hz, At 60Hz system 56Hz \sim 64 Hz	
Phase		Single phase with ground	
Power Factor		\geq 0.99 (@ 100% load)	
OUTPUT			
Output Voltage		208 / 220 / 230 / 240 VAC	
Poer Factor (PF)		1	
AC Voltage Regulation		\pm 1%	
Frequency Range	Synchronized Mode	At 50Hz system 46Hz \sim 54 Hz, At 60Hz system 56Hz \sim 64 Hz	
	Battery Mode	50 Hz \pm 0.1 Hz veya 60 Hz \pm 0.1 Hz	
Overload	AC Mode	At 100-110% load 60min, At 110 - 125% load 10min, at 125 - 150% load 1min, at >150% load immediately	
	Battery Mode	At 100 - 110% load 3min, at 110 - 130% load 30sec, at >130% load immediately	
Crest Factor		3:1	
Harmonic Distortion		\leq 1% (linear load), \leq 4% (non linear load)	
Transfer Time	Line <-> Battery Mode	0ms	
	Inverter <-> Bypass	0ms	
	Inverter <-> ECO	<10ms (Typical))	
Waveform		Pure Sinewave	
EFFICIENCY			
AC Mode		94%	
Battery Mode		92%	
Battery Mode			
Battery Type		12V 7AH	12V 9AH
Numbers of Battery		16	20
Recharge Time		7 hours to recover 90% capacity	9 hours to recover 90% capacity
Charging Current		1 A \pm 10 (Max.)	
Charging Voltage		218.4VDC \pm 1	273VDC \pm 1
DIMENSIONS & WEIGHT			
W x D x H (mm)		190 x 367 x 635	190 x 439 x 635
Weight (kg)		58	79
ENVIRONMENTAL			
Operating Temperature		0 - 40°C	
Humidity		<%95 (non condensing)	
Altitude**		<1000 m	
Noise Level		<55dBA (@ 1 meter)	<58dBA (@ 1 meter)
SOFTWARE & MANAGEMENT			
Smart RS232 or USB		Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix ve MAC	
SNMP (Optional)		Power management from SNMP manager and web browser	

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC or when UPS is operated in prallel.

** If the UPS is installed or in a place where the altitude is above than 1000m, the output power must be derated 1% per 100m.