

# SPECIFICATION

Model No . : TW2KVA



## TW2KVA Online UPS

Description	TW2KVA
<b>Product Outlook</b>	
<b>Product Front View</b>	<p><i>***Product images may vary</i></p> 
Rated Power	2KVA/1600W
<b>Input</b>	
Phase	Single Phase with Ground
Nominal Voltage	110/115/120Vac or 220/230/240Vac
Voltage Range	60-138VAC or 115 ~ 300VAC
Frequency Range	46 ~ 54Hz(default), user adjustable within 40~60Hz
Power Factor	0.98
Connection	IEC320-10A
Case	Protected by a safe, two-layer powder-coated steel case.
<b>Output</b>	
Phase	Single Phase
Voltage	110/115/120Vac or 220/230/240VAC $\pm$ 2%
Frequency	46~54Hz or 50Hz $\pm$ 0.2Hz (Line mode) 50Hz $\pm$ 0.2Hz ( Battery mode)
Waveform	Pure Sine Wave
Overload Capability	108%~150% for 60 sec., 160% for 300 ms
Current Crest Ratio	3:01
Connections	IEC320-10A*4
Bypass Automatic Transfer	on overload and UPS failure
Bypass Before UPS Power-on	Default "NO", user adjustable to "YES"

Voltage Range	80~224VAC (Default), user adjustable within 80~286VAC
Transfer Time	0 ms; less than 4 ms from inverter to bypass and vice versa
LED indicators	Load level / Battery level, Battery , Utility Power, Inverter, Bypass, Overload, Fault
Audible Alarm	Bypass, On battery mode, Battery low, Overload, Fault
Communications	RS-232 Serial Interface, Intelligent Slot;
Network Surge Protection	RJ45 I/O port available for network or Fax/Modem
Autostart mode	Automatically restarts when power is restored
<b>Battery Pack</b>	
Type	External Battery Pack
Pack Nominal DC Voltage	96VDC
Battery Numbers & Capacity	8pcs *12V 9AH
Backup Time(Full load)	9 min (with 1 BP)
Pack Recharge Time	3hrs to 90%
Charging Current (Max.)	1.5A
Charging Voltage	110VDC±0.4
Operating Humidity	10 ~ 95% non-condensing
Operating Temperature	-2 ~ 55°C