



**POWER**  
NEVER ENDS

FSP - Power Never Ends

## Champ Tower Series (1k/2k/3k)

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[fsp-europe.com/champ-tower-series-1k2k3k/](https://fsp-europe.com/champ-tower-series-1k2k3k/)

FSP Champ Tower Serie is the high density version of double-conversion online UPS with a output power factor 0.9. It's designed in small cabinet with microprocessor controller. It also has USB and RS-232 communication ports as standard, with a built-in intelligent slot for additional adapters, protocol converters and relate contact cards.

## Features:

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- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (120 V – 300 V)
- Converter mode available
- ECO mode for energy saving
- Generator compatible
- Charger capacity expansion to 6A for long-run models
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status

## Specifications:

<b>Model</b>	Champ TW 1K(L)	Champ TW 2K(L)	Champ TW 3K(L)
<b>Capacity</b>	1000 VA / 900W	2000 VA / 1800W	3000 VA / 2700W
<b>Input Voltage Range</b>	120-300 VAC $\pm$ 5%		
<b>Input Frequency</b>	40Hz ~ 70Hz		
<b>Power Factor</b>	$\geq$ 0.99 @ Nominal Voltage (100% load)		
<b>Output Voltage</b>	$\pm$ 1% (Batt. Mode)		
<b>Output Frequency Range</b>	47.5 Hz ~ 52.5 Hz or 57Hz ~ 63 Hz (Synchronized Range) 50 Hz $\pm$ 0.25 Hz or 60 Hz $\pm$ 0.3 Hz (Batt. Mode)		
<b>Current Crest Ratio</b>	3:1		
<b>Harmonic Distortion</b>	$\leq$ 3 % THD (Linear Load) $\leq$ 6 % THD (Non-linear Load)		
<b>Output Transfer Time (Typical)</b>	Zero (AC to DC) 4ms (Inverter to Bypass)		
<b>Output Waveform (Batt. Mode)</b>	Pure Sinewave		

<b>Battery Type &amp; Number</b>	12V / 9Ah x 2	12V / 9Ah x 4	12V / 9Ah x 6
<b>Backup Time (One PC load@120W)</b>	N/A		
<b>Typical Recharge Time (up to 90% capacity)</b>	4 hours		
<b>Indicators / AC Mode</b>	✓		
<b>Indicators / Battery Mode</b>	✓		
<b>Indicators / Battery level</b>	✓		
<b>Indicators / Load level</b>	✓		
<b>Indicators / Bypass mode</b>	✓		
<b>Indicators / Fault</b>	✓		
<b>Alarm / Battery Mode</b>	Sounding every 4 seconds		
<b>Alarm / Low Battery</b>	Sounding every second (Batt. Mode)		
<b>Alarm / Overload</b>	Sounding twice per second		
<b>Alarm / Fault</b>	Continuously sounding		
<b>Physical Dimension (mm)</b>	282 x 145 x 220	397 x 145 x 220	421 x 190 x 318
<b>Physical Net Weight (kg) Standard Model</b>	9.8	17	27.6
<b>Physical Net Weight (kg) Long-run Model</b>	4.1	6.8	7.4

<b>Operating Environment / Humidity</b>	20-90 % RH @ 0- 40°C (non-condensing)
<b>Operating Environment / Noise Level</b>	Less than 50dB @ 1 Meter
<b>Management / Optional USB / RS-232 Port</b>	Supports Windows® 98/XP/2000/Vista/7/8/10, Windows® Server 2000/2003/2008/2012/2016, Linux, and MAC
<b>Optional SNMP</b>	Power management from SNMP manager and web browser

## Run-Time Table per Loading

**Minutes (Champ T 1K)**

**Minutes (Champ T 2K)**

**Minutes (Champ T 3K)**

EAN Code:

Champ Tower 1k

Champ Tower 2k

Champ Tower 3k

4711140487595

4711140487601

4711140487618

