

# Waterproof 12VDC Power Supply

HT2000-WP



## Features

- DC12V 2A 24W output
- IP67 waterproof level
- 2 fixing holes on housing
- Bare wire input/output
- CE approved

## Specifications

Model		HT2000-WP
Input	Voltage Range	100~264 VAC
	Frequency Range	47~63 Hz
	Efficiency	≥85%@Rated voltage
	AC Current	0.8A
	Inrush Current	Cold start; ≤30A@115VAC; ≤50A@230VAC
	Leakage Current	IP~OP Leakage current: ≤0.25mA<0.1mA@264VAC
Output	Rated Voltage	DC 12V

	Rated Current	2A
	Current Range	0 ~ 2A
	Rated Power	24W
	Ripple & Noise	≤120mVpk
	Voltage Tolerance	±3%
	Line Regulation	≤0.1%
	Load Regulation	≤0.1%
	Setup,Rise, Hold Up Time	230VAC Full load: ≤1S, ≤1S, ≥80mS
Protection	Over load	120% ~ 150%@Rated power. Hiccup mode, recovers automatically after fault condition is removed.
	Over Voltage	120% ~ 130%@Rated voltage. Hiccup mode, recovers automatically after fault condition is removed.
	Over Current	120% ~ 150%@Rated current. Hiccup mode, recovers automatically after fault condition is removed.
	Short Circuit	No damage,Hiccup mode, recovers automatically after fault condition is removed.
Environment	Working Temp.,Humidity	Temp. : -10°C ~ +40°C ; Humidity : 10% ~ 95% RH, Non-condensing
	Storage Temp.,Humidity	Temp. : -20°C ~ +85°C ; Humidity : 10% ~ 95% RH, Non-condensing
	Temp.Coefficient	≤0.05V/°C (0°C ~ +45°C)
	Vibration	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X,Y,Z axis
Safety & EMC	Safety Standards	CE: EN/IEC 62368-1; EN/IEC 60950-1
	Withstand Voltage	IP~OP: ≥1.5kVAC
	Isolation Resistance	IP~OP: ≥10MΩ@500VDC, 25°C, 70% RH
	EMC	FCC/Part 15; EN55032, EN55035; EN/IEC61000
Others	Waterproof level	IP67
	AC Cable Length	15cm
	DC Cable Length	15cm
	Product Size	59*59*29mm