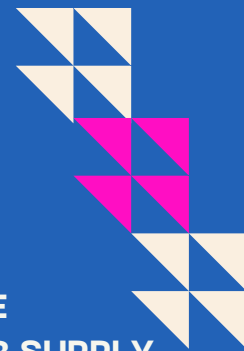


# CHAALAKAM WPS3010H DATASHEET

# 300W 0-30V 0-10A



**HIGHLY PRECISE PROGRAMMABLE  
SWITCHING DC VARIABLE POWER SUPPLY**



Experience precision and versatility with the Chaalakam WPS3010H, a high-precision programmable switching DC variable power supply equipped with a three-window four-digit display. This innovative display enables you to conveniently monitor voltage, current, and power simultaneously. Notably, the WPS3010H brings unparalleled output display resolution with a remarkable accuracy of 0.01V for voltage and 0.001A for current.

WPS3010H featuring a digital rotary encoder knob for precise voltage and current adjustments, replacing traditional analog potentiometer regulator knobs. With high-precision encoder knob, adjustments become effortless and efficient. Benefit from easy setting changes, thanks to the coded encoder knob and pre-displayed values.

With a broad range of adjustability (0-30V voltage, 0-10A current), you have complete control at your fingertips. Simply press the knob to switch digits and rotate to set values between 0-9, ensuring unparalleled precision, stability, and ease-of-use.



An Independent USB fast charging interface with output power of up to 18W automatically adjusts output voltage & current according to the fast charging protocols and also it supports a variety of other charging protocols. This PSU boasts a small form factor and lightweight design, all while delivering impressive power density. Rest assured, you'll experience exceptional stability and efficiency with minimal ripple coefficient.

Brand Name	Chaalakam	Input Voltage	115~230V	Output Voltage	0~30V
Model Number	WPS3010H	Input Frequency	50/60Hz	Output Current	0~10A
Output Type	Single	Display	LED	Color	Black
Dimensions	3.54" * 5.7" * 7.48"			Weight	2.5lb

# Features

- Program-Controlled encoder adjusts voltage and current with high precision & stability.
- Three groups of four-digit digital display, respectively displays Voltage, Current, Power.
- This Variable PSU is compact in size, light weight and high power density with high stability
- Temperature controlled cooling fan with low noise & long life.
- An independent output button enables output on/off
- USB fast charging interface with output power of 18W, supports multiple fast charging protocols.
- Output Display resolution: Voltage 0.01V, Current 0.001A.

# Applications

- Suitable for Commercial, Education and Home use
- Production line testing
- Maintenance of Cell phones, Computers, Electrical Appliances, Car DVDs & Audios etc.
- Charge the battery
- Laboratory, Scientific Research Teaching, Factory Maintenance Power Supply, School Laboratories, Scientific Research and production line use
- All other occasions requiring DC power supply.



**Compact and  
easy to carry**

One-handed control / small size saves more space



# Four characteristics

High precision · USB fast charge · Intelligent temperature control · Full load work



## USB Quick-Charge Interface



# Strong power new design



## Product analysis



## Output Switch Control

Prevent damage to the instrument by forgetting to unplug the previous instrument when switching between different voltages or currents.



## DC power supply

- High precision
- Four-digit display
- USB fast charge
- Multiple protection



## Working at full load

24 hours load, not easy to damage the machine



24 hours full load work

