

The Tekneka 2030-5A is a linear programmable DC power supply that has an output power of 150W, voltage of 30V, and current of 5A. The front panel output terminal's multi-range capability allows for flexible and efficient voltage and current adjusting within the rated power range. The 2030-5A offers efficient and dependable power for trouble-free operation. It is stable with minimal ripple and has all the protection features which is needed. It can produce constant current (CC) and constant voltage (CV) allowing for constant variable output within the rated range. Users can keep pre-set values, such as the OVP/OCP limit value, and calling the output directly is quite easy. Features of this model include a PC programmable interface with data export, storable output parameters, high and low alarm (OVP/OCP) limitations, and an extremely compact and lightweight design.

### Features

- High-precision device with a stable 30V and 5A output
- Features for graphical and digital trend displays are included
- For easy reference, it displays the output voltage and actual power
- Fan speed is automatically adjusted by an intelligent cooling system
- CC/CV output that is stable and modifiable within the rated range
- Incorporates OVP/OCP protection and an alarm feature
- To prevent unintentional disruption, use the parameter lock option
- 10 preset output value storage memories are available
- Multiple set values auto power supply based on a preset list
- Soft switching architecture that reduces noise and ripple
- The software can be used to operate it and export the test results as .CSV file type
- Simple to modify the memory's pre-set values for voltage and current



### Applications

- R&D laboratory
- Power supply for radio frequency
- Microwave circuits or components
- Feature verification and fault diagnosis of devices or circuits
- Quality control & inspection
- Automotive electronic circuits
- Automation testing in production field
- University/testing laboratory

### Packing Includes

- Power Cord
- CD (user manual + software)
- 250V 3A Fuse
- USB AB Type Cable

### Ordering Info

2030-5A..... DC Power Supply

Description	Ranges
Input Voltage	187 ~ 253Vac
Rated Output Voltage	0 ~ 30V
Set Voltage Resolution	10mV
Voltage Accuracy	≤0.1% ±20mV
Rated Output Current	0 ~ 5A
Set Current Resolution	1mA
Current Accuracy	≤0.1% ±10mA
Rated Output Power	150W
Efficiency (220Vac, Rated Load)	85%
Constant Current Regulation (CC)	Load: ≤30mV, Line: ≤20mV
Constant Voltage Regulation (CV)	Load: ≤30mA, Line: ≤20mA
Voltage (Vp-p)	≤30mV
Voltage(rms)	≤3mV
Current (Ap-p)	≤30mA
Protect Function	OVP/OCP/OTP limits
Heat-dissipating Method	Intelligent speed regulation air cooling
Display	2.8-inch (240 x 320p)
Display Type	TFT (65536 colors)
Communication Port	USB communication - PC interface
USB Charging Port	5V/1A
Working Condition	Temp: 0 ~ 40°C, Humidity: ≤90%RH
Storage Condition	Temp: -20 ~ 60°C, Humidity: ≤90%RH
Dimension(W x H x L)	13 x 19.5 x 34mm
Weight	Device: 1.4kg, Gross: 1.8kg