

Tekneka 2075-2A is a linear programmable DC power supply covering ranges up to 75V, and 2A with a maximum of 150W output power. The front panel output terminal multi-range feature allows the flexible, efficient configuration of voltage/current within the rated power range. The 2075-2A model is stable with low ripple with complete protection functions, it will provide efficient and reliable power for trouble-free operation. It can generate constant voltage CV/constant current CC mode, which enables continuously adjustable output within the rated range. It enables users to store up to 10 custom values including OVP/OCP limit value and so convenient to directly call the output.

This model comes with functions like storable output parameters, status lock, alarm (OVP/OCP), master-slave parallel/series operation mode, easily converted to external control mode and standard RS232 communication interface.

Features

- High precision with a stable output of 75V & 2A
- An Intelligent cooling system automatically controls fan speed
- Stable and adjustable CV/CC output within the rated range
- More convenient for users to create series-parallel expansion
- Comes with OVP/OCP protection with an alarm function
- Parameter lock option to avoid accidental interruption
- Up to 10 storage memory of preset output values
- Soft switching design with less ripple & noise effect
- More convenient to use higher outputs under series and parallel expansion It
- It can be connected to an external monitoring meter for display
- Support RS232 standard communication interface
- Has four-position high-precision voltage, ammeter head, pure MCU digital control output for better stability and higher precision



Applications

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

Packing Includes

- 2075-2A Main Device
- Power Cord
- User Manual

Ordering Info.

2075-2A.....DC Power Supply

Description	Ranges
Input Voltage	AC 240V/230V/220V/110V/120V (optional)
Rated Output Voltage	0 to 75V
Rated Output Current	0 to 2A
Rated Output Power	150W
Ripple and Noise	CV $\leq 1\text{mVrms}$; CC $\leq 1\text{mArms}$
Power Supply Effect	CV $\leq 0.01\%+3\text{mV}$; CC $\leq 0.2\%+3\text{mA}$
Load Effect	CV $\leq 0.01\%+5\text{mV}$; CC $\leq 0.2\%+3\text{mA}$
Display Accuracy	Voltage: $\pm(0.5\%\text{rdg} + 3 \text{ digits})$ Current: $\pm(0.5\%\text{rdg} + 2 \text{ digits})$
Protect Function	OVP/OCP/OHP protection
Heat-dissipating Method	Intelligent speed regulation air cooling
Working Condition	Temp: 0 to 40°C Humidity: <80%
Storage Condition	Temp: -20 to 70°C Humidity: <80%
Dimension	125 x 170 x 260mm
Net Weight	4.4kg