



Specification

Output Ratings (0°C-40°C)

| | |
|-------------------------|------|
| Voltage | 0-6V |
| Over Voltage Protection | 7V |
| Current | 0-3A |
| Over Current Protection | 3.1A |
| Power | 18W |

Load Regulation

| | |
|---------|----------------------------|
| Voltage | $\leq 0.01\% + 3\text{mV}$ |
| Current | $\leq 0.01\% + 3\text{mA}$ |

Line Regulation

| | |
|---------|----------------------------|
| Voltage | $\leq 0.01\% + 3\text{mV}$ |
| Current | $\leq 0.01\% + 3\text{mA}$ |

Settings Resolution

| | |
|---------|-----|
| Voltage | 1mV |
| Current | 1mA |

Read Back Resolution

| | |
|---------|-----|
| Voltage | 1mV |
| Current | 1mA |

Settings Accuracy (Within 12 months) (25°C±5°C)

| | |
|---------|-----------------------------|
| Voltage | $\leq 0.03\% + 10\text{mV}$ |
| Current | $\leq 0.1\% + 5\text{mA}$ |

Read Back Accuracy (25°C±5°C)

| | |
|---------|-----------------------------|
| Voltage | $\leq 0.03\% + 10\text{mV}$ |
| Current | $\leq 0.1\% + 5\text{mA}$ |

Noise and Ripple (20Hz-20MHz)

| | |
|----------------|-----------------------|
| Voltage (Vp-p) | $\leq 3\text{mVp-p}$ |
| Voltage (rms) | $\leq 1\text{mVrms}$ |
| Current (rms) | $\leq 4\text{mA rms}$ |

Output Temperature

| | |
|---------|-----------------------------|
| Voltage | $\leq 0.03\% + 10\text{mV}$ |
|---------|-----------------------------|

Coefficient (0°C-40°C)

| | |
|---------|---------------------------|
| Current | $\leq 0.1\% + 5\text{mA}$ |
|---------|---------------------------|

Read Back Temperature Coefficient

| | |
|---------|-----------------------------|
| Voltage | $\leq 0.03\% + 10\text{mV}$ |
| Current | $\leq 0.1\% + 5\text{mA}$ |

Parallel Settings Accuracy

| | |
|---------|----------------------------|
| Voltage | $\leq 0.02\% + 5\text{mV}$ |
| Current | $\leq 0.1\% + 30\text{mA}$ |

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

305, Taru Chhaya Nagar, Tonk Road, Jaipur-302029, India
 Tel: +91-141-2724326, Mob: +91-9413330765
 Email: info@tesca.in, tesca.technologies@gmail.com
 Website: www.tescaglobal.com



Order Code - PPS-3033
Power Supply Programmable DC, 4" Coloured LCD,
3 Ch.,2*0-30V/3A,1*0-6V/3A, USB+Software

| Programmable output | |
|----------------------------------|---|
| Storage | 1M points |
| Groups saved in internal memory | 100 groups |
| Time setting | Second |
| Data Record Function | 10k groups of data (voltage, current, power) |
| Ports | USB Host, USB Device, RS232, LAN, supports USB TMC protocol |
| Display | |
| Display | Type 4 inch colored LCD (Liquid Crystal Display) |
| Display Resolution | 480 (Horizontal) × 320 (Vertical) Pixels Display |
| Colors | 65536 colors, TFT screen |
| Power | |
| Supply | 110 VAC ± 10% or 220 VAC ± 10%; AC input 50/60Hz |
| Fuse | |
| 110 V | 250 V, F5A |
| 250 V | 250 V, F3A |
| Environment | |
| Temperature | Working temperature: 0°C 40°C Storage temperature: 20°C 60°C |
| Relative Humidity | ≤ 90% Height Operating: 3,000 m |
| Non-operating: | 15,000 m |
| Cooling Method | Fan cooling |
| Mechanical Specifications | |
| Dimension | 250mm × 158mm × 358mm (W*H*D) |
| Weight | About 9.8 kg |

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