

Two Channel DC Power Supply

MPS-10 Series



Features

- Display resolution of 10mV/1mA
- CH2:1.8V/2.5V/3.3V/5V 3A
- Panel lock function
- Output switch control
- Switching between high and low current levels
- Color screen display, multiple parameters are clear at a glance

Applications

- Production line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

MPS-10 Series

Single Channel DC Power Supply

| Model | | MPS-11 | MPS-12 | MPS-13 | MPS-14 | MPS-15 | MPS-16 | MPS-17 | MPS-18 | MPS-19 |
|-------------------------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Rated output voltage | | 0~30V | 0~30V | 0~30V | 0~30V | 0~30V | 0~60V | 0~60V | 0~80V | 0~100V |
| Rated output current | | 0~2A | 0~4A | 0~6A | 0~8A | 0~10A | 0~2A | 0~4A | 0~2A | 0~0.5A |
| Rated output power | | 60W | 120W | 180W | 240W | 300W | 120W | 240W | 160W | 50W |
| Load regulation rate | Voltage | 0.05%+5mV | 0.05%+5mV | 0.05%+5mV | 0.05%+8mV | 0.05%+8mV | 0.05%+5mV | 0.05%+5mV | 0.05%+5mV | 0.05%+5mV |
| | Current | 0.1%+5mA | 0.1%+5mA | 0.1%+5mA | 0.1%+8mA | 0.1%+5mA | 0.1%+5mA | 0.1%+5mA | 0.1%+5mA | 0.1%+5mA |
| Line regulation rate | Voltage | 0.05%+8mV | 0.05%+5mV | 0.05%+8mV | 0.05%+10mV | 0.05%+5mV | 0.05%+8mV | 0.05%+5mV | 0.05%+5mV | 0.05%+5mV |
| | Current | 0.1%+5mA | 0.1%+5mA | 0.1%+5mA | 0.1%+8mA | 0.1%+5mA | 0.1%+5mA | 0.1%+5mA | 0.1%+5mA | 0.1%+5mA |
| Setting resolution | Voltage | 10mV |
| | Current | 1mA |
| Read back resolution | Voltage | 10mV |
| | Current | 1mA |
| Setting accuracy (25°C±5°C) | Voltage | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+3digits | ≤0.1%+3digits | ≤0.1%+3digits |
| | Current | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+6digits | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+3digits |
| Read back accuracy (25°C±5°C) | Voltage | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+2digits | ≤0.1%+3digits | ≤0.1%+3digits | ≤0.1%+3digits |
| | Current | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+6digits | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+3digits | ≤0.2%+3digits |
| Ripple and noise (25°C±5°C) | Voltage | 3mVrms | 3mVrms | 5mVrms | 5mVrms | 5mVrms | 5mVrms | 5mVrms | 5mVrms | 10mVrms |
| | Current | 3mA rms | 3mA rms | 3mA rms | 6mA rms | 3mA rms |