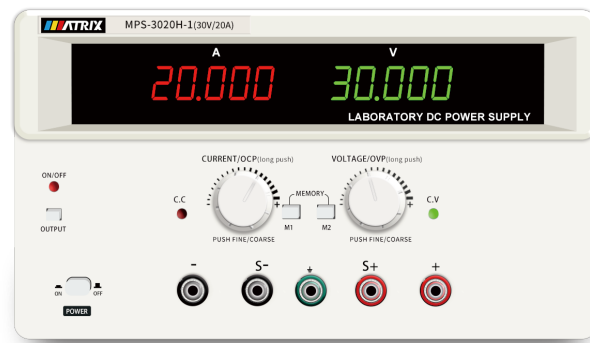


Single Channel Linear DC Power Supply

MPS-H-1 Series



- 1mV/1mA resolution
- Current can be set without short circuit;
- Current and voltage output can be set in a certain range, which avoid over tuning to break tested object
- Slow startup circuit design, so that the startup current pulse is smaller
- Voltage compensation function to ensure high precision
- USB, RS-232/485 are optional
- Two groups memory, can be recalled quickly
- Current and voltage adjusting knob adopts coding switch design, easy to use, long life, low failure rate
- OVP/OCP function

≤600W Linear DC power supply

| Model | Voltage | Current | Power |
|--------------|---------|---------|-------|
| MPS-3010H-1 | 0-30V | 0-10A | 300W |
| MPS-3020H-1 | 0-30V | 0-20A | 600W |
| MPS-6005H-1 | 0-60V | 0-5A | 300W |
| MPS-6010H-1 | 0-60V | 0-10A | 600W |
| MPS-10003H-1 | 0-100V | 0-3A | 300W |
| MPS-20002H-1 | 0-200V | 0-2A | 400W |

| Model | MPS-3010H-1 | MPS-3020H-1 | MPS-6005H-1 | MPS-6010H-1 | MPS-10003H-1 | MPS-20002H-1 | | |
|----------------------|----------------------------|-------------|-------------|-------------|--------------|--------------|-------------|--|
| Input voltage | AC 220V/110V±10% 50Hz/60Hz | | | | | | | |
| Rated output | Voltage | 0~30V | 0~30V | 0~60V | 0~60V | 0~100V | 0~200V | |
| | Current | 0~10A | 0~20A | 0~5A | 0~10A | 0~3A | 0~2A | |
| Load regulation rate | Voltage | ≤0.01%+10mV | ≤0.01%+10mV | ≤0.01%+5mV | ≤0.01%+5mV | ≤0.01%+8mV | ≤0.01%+12mV | |
| | Current | ≤0.2%+5mA | ≤0.2%+5mA | ≤0.2%+5mA | ≤0.2%+5mA | ≤0.2%+5mA | ≤0.2%+5mA | |
| Line regulation rate | Voltage | ≤0.01%+10mV | ≤0.01%+10mV | ≤0.01%+5mV | ≤0.01%+5mV | ≤0.01%+8mV | ≤0.01%+12mV | |
| | Current | ≤0.2%+5mA | ≤0.2%+5mA | ≤0.2%+5mA | ≤0.2%+5mA | ≤0.2%+5mA | ≤0.2%+5mA | |
| Setting resolution | Voltage | 1mV | 1mV | 1mV | 1mV | 10mV | 10mV | |
| | Current | 1mA | 1mA | 1mA | 1mA | 1mA | 1mA | |
| Setting accuracy | Voltage | ≤0.01%+10mV | ≤0.01%+10mV | ≤0.01%+10mV | ≤0.01%+10mV | ≤0.01%+80mV | ≤0.01%+80mV | |
| | Current | ≤0.1%+5mA | ≤0.1%+10mA | ≤0.1%+5mA | ≤0.1%+5mA | ≤0.1%+5mA | ≤0.1%+5mA | |
| Readback resolution | Voltage | 1mV | 1mV | 1mV | 1mV | 10mV | 10mV | |
| | Current | 1mA | 1mA | 1mA | 1mA | 1mA | 1mA | |
| Readback accuracy | Voltage | ≤0.01%+10mV | ≤0.01%+10mV | ≤0.01%+10mV | ≤0.01%+10mV | ≤0.01%+80mV | ≤0.01%+80mV | |
| | Current | ≤0.1%+5mA | ≤0.1%+10mA | ≤0.1%+5mA | ≤0.1%+5mA | ≤0.1%+5mA | ≤0.1%+5mA | |
| Ripple and noise | Voltage | ≤3mV(rms) | | | | | | |
| | Current | ≤5mA(rms) | | | | | | |
| Working temperature | 0~40°C ≤80%RH | | | | | | | |
| Size (WxHxD) | cm | 250*150*330 | | | | | | |
| Weight | kg | 8 | 13 | 8 | 13 | 12 | 12 | |