

PEL-300

PRINT



Features

- Operating Current 6mA ~ 60A
- Operating Power 1 ~ 300W
- Operating Voltage DC 3 ~ 60V
- Easy Operation with UP/DOWN Key
- High Resolution : 20mV, 0.2mA, 0.33mΩ
- Over Voltage, Over Current, Over Power Protection
- 100 Sets Memory
- C.C, C.V & C.R Operation Mode
- Transient Generator Frequency Range : 1Hz ~ 1kHz
- Duty Range : 10% ~ 90%
- Self-Test and Software Calibration
- Meets UL, CSA, IEC Safety Regulations

Safety



Description

Specification

RATING

| | |
|-------------------|------------|
| Operating Voltage | DC 3 ~ 60V |
| Operating Current | 6mA ~ 60A |
| Operating Power | 1 ~ 300W |
| Minimum Operation | 3V |

CV MODE

| | |
|--------------------|----------------|
| Operating Range | DC 3 ~ 60V |
| Setting Accuracy | ±(0.1% + 40mV) |
| Setting Resolution | 20mV |

CC MODE

| | |
|-----------------|-----------|
| Operating Range | 6mA ~ 60A |
|-----------------|-----------|

| | |
|--------------------|---|
| Setting Accuracy | $\pm(0.5\% + 100\text{mA})$ for 6.02A ~ 60A $\pm(0.1\% + 10\text{mA})$ for 0.602A ~ 6A $\pm(0.1\% + 1\text{mA})$ for 6mA ~ 0.6A |
| Setting Resolution | 20mA for 6.02A ~ 60A 2mA for 0.602A ~ 6A 0.2mA for 6mA ~ 0.6A |

CR MODE

| | |
|--------------------|--|
| Operating Range | 50m Ω ~ 1k Ω |
| Setting Accuracy | $\pm(5\% + 1\Omega)$ for 100.33 Ω ~ 1k Ω $\pm(5\% + 100\text{m}\Omega)$ for 10.033 Ω ~ 100 Ω $\pm(5\% + 10\text{m}\Omega)$ for 1.0033 Ω ~ 10 Ω $\pm(5\% + 1\text{m}\Omega)$ for 50m Ω ~ 1 Ω |
| Setting Resolution | 330m Ω for 100.33 Ω ~ 1k Ω 33m Ω for 10.033 Ω ~ 100 Ω 3.3m Ω for 1.0033 Ω ~ 10 Ω 0.33m Ω for 50m Ω ~ 1 Ω |

DYNAMIC OPERATION CC MODE ONLY

| | |
|-----------------|---|
| Frequency Range | 1Hz ~ 1kHz |
| Resolution | 5Hz for 100Hz ~ 1kHz 0.5Hz for 10Hz ~ 100Hz 0.05Hz for 1Hz ~ 10Hz |
| Duty Range | 10% ~ 90% |
| Resolution | 1% |

VOLTAGE READBACK

| | |
|------------|----------------------------|
| Accuracy | $\pm(0.1\% + 60\text{mV})$ |
| Resolution | 20mV |

CURRENT READBACK

| | |
|------------|---|
| Accuracy | $\pm(0.5\% + 100\text{mA})$ for 6.02A ~ 60A $\pm(0.1\% + 10\text{mA})$ for 0.602A ~ 6A $\pm(0.1\% + 1\text{mA})$ for 6mA ~ 0.6A |
| Resolution | 20mA for 6.02A ~ 60A 2mA for 0.602A ~ 6A 0.2mA for 6mA ~ 0.6A |

MEMORY

100 sets

TIMER

| | |
|------------|-----------------------------------|
| Range | 1 second ~ 999 minutes 59 seconds |
| Resolution | 1 second |
| Function | for load on |

POWER SOURCE

AC100V/120V/220V/240V \pm 10%, 50/60Hz

ACCESSORIES

User manual x 1
Power cord x 1

DIMENSIONS & WEIGHT

255(W) x 145(H) x 346(D)mm
Approx. 9kg

■ Accessories

User Manual X 1, Power Cord X 1

■ Ordering Information

300W DC Electronic Load

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