

Linear Mode DC Power Supply

SINGLE OUTPUT



TP1000 SERIES

FEATURES

0~30V / 0~3A

0~30V / 0~5A

0~60V / 0~3A

FIXED 5V / 1A



- Constant voltage and constant current operations
- Auto CV and CC switch
- Output ON/OFF control
- High efficiency, light and compact design
- High power density
- Over load and reverse polarity protections
- Dual-color two digital panel meters



SPECIFICATIONS

| Rated output | 0~30V/0~3A | 0~30V/0~5A | 0~60V/0~3A |
|----------------------------|------------------------------------|------------|------------|
| Constant voltage operation | | | |
| Line regulation | ≤0.01%+3mV | ≤0.01%+3mV | ≤0.01%+5mV |
| Load regulation | ≤0.01%+3mV | ≤0.02%+5mV | ≤0.02%+5mV |
| Ripple & Noise (5Hz~1MHz) | ≤3mVrms | | |
| Constant current operation | | | |
| Line regulation | ≤0.2%+3mA | | |
| Load regulation | ≤0.2%+3mA | ≤0.2%+5mA | ≤0.2%+3mA |
| Fixed output | | | |
| Load regulation | ≤25mV @ 110/220VAC rated input | | |
| Ripple & noise (5Hz~1MHz) | ≤3mVrms | | |
| Display | | | |
| Resolution | 100mV/10mA | | |
| Accuracy | ±(1% reading+2 digits) | | |
| General | | | |
| Operating environment | 0°C~40°C, ≤80%RH | | |
| Storage environment | -10°C~70°C, ≤70%RH | | |
| Power source | AC110V/220V±10%, 50/60Hz | | |
| Accessories | Power cord x1, Operation manual x1 | | |

SELECTION GUIDE

| Model | TP-1303 | TP-1305 | TP-1603 | TP-1303C | TP-1305C | TP-1603C | TP-1303EC | TP-1305EC | TP-1603EC |
|-------------------|---------------|---------|---------|----------|----------|----------|-----------|-----------|-----------|
| Output voltage | 0~30V | 0~30V | 0~60V | 0~30V | 0~30V | 0~60V | 0~30V | 0~30V | 0~60V |
| Output current | 0~3A | 0~5A | 0~3A | 0~3A | 0~5A | 0~3A | 0~3A | 0~5A | 0~3A |
| Fixed output | 5V±0.25V/1A | | | | | | | | |
| Preset V&I | | | | | | | | | |
| Output ON/OFF | √ | | | √ | | | | | |
| Dimension (WxHxD) | 130x160x255mm | | | | | | | | |
| Weight | 5 kg | 6 kg | 6 kg | 5 kg | 6 kg | 6 kg | 4.5 kg | 5.5 kg | 5.5 kg |