

Regulated DC Power Supplies

PAR-A Series

PAR18-6A (18V/6A) PAR36-3A (36V/3A)

- Built-in microprocessor
 - Remote sensing
 - CV/CC power supply
 - Rack-mount size
 - Key Lock
 - Limit Key
 - GP-IB, USB, RS-232C
- GP-IB/USB interface card (IF-41GU), USB interface card (IF-41USB) and RS-232C card (IF-41RS) provided as user option.

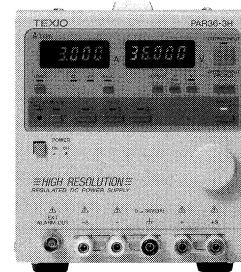


Specifications

| Model | Output (Voltage, Current) | Ripple | | Line regulation | | Load regulation | | Dimensions | Max Dimensions | Power consumption W/VA(approx.) | Weight kg (approx.) |
|----------|------------------------------|-----------|-----------|-----------------|--------|-----------------|--------|---------------|----------------|------------------------------------|------------------------|
| | | CV(mVrms) | CC(mArms) | CV(mV) | CC(mA) | CV(mV) | CC(mA) | | | | |
| PAR18-6A | 0V-18V,0A-6A | 0.5 | 2 | 1 | 2 | 2 | 5 | 138×124×380mm | 140×148×403mm | 213W/278VA | 9.1kg |
| PAR36-3A | 0V-36V,0A-3A | 0.5 | 2 | 1 | 2 | 2 | 5 | 138×124×380mm | 140×148×403mm | 189W/255VA | 9.1kg |

PAR20-4H (20V/4A) PAR20-4HL (20V/4A) PAR36-3H (36V/3A) PAR36-3HL (36V/3A)

- Voltage resolution: 1mV
- Current resolution: high resolution 1mA/0.1mA(1A at full scale)
- Variety of protection function(OVP,OCP,OHP, and EXT ALARM)
- Voltage remote sensing terminal
- Back up by EEPROM
- 2-range power supply
- Electronic load function(HL series only)
- Possible to make GP-IB system using optional GP-IB adaptor,GP-620
- External remote control



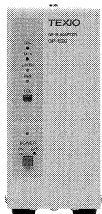
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|-----------|------------------------------|-----------|-----------|-----------------|--------|-----------------|--------|---------------|----------------|------------------------------------|------------------------|
| | | CV(mVrms) | CC(mArms) | CV(mV) | CC(mA) | CV(mV) | CC(mA) | | | | |
| PAR20-4H | 0V-20V,0A-4A | 0.5 | 1.5 | 0.5 | 0.5 | 0.5 | 0.5 | 138×147×372mm | 143×167×392mm | 190W/225VA | 8.0kg |
| PAR36-3H | 0V-36V,0A-3A | 0.5 | 1.5 | 0.5 | 0.5 | 0.5 | 0.5 | 138×147×372mm | 143×167×392mm | 225W/270VA | 8.0kg |
| PAR20-4HL | 0V-20V,0A-4A | 1.5 | 3 | 0.5 | 0.5 | 0.5 | 0.5 | 138×147×372mm | 143×167×392mm | 190W/225VA | 8.0kg |
| PAR36-3HL | 0V-36V,0A-3A | 1.5 | 3 | 0.5 | 0.5 | 0.5 | 0.5 | 138×147×372mm | 143×167×392mm | 225W/270VA | 8.0kg |

- PAR-H/HL Series : Input voltage (AC rms and frequency):100V(+/-10%)50/60Hz 120V/200V/220V/240V 50/60Hz

Accessories: Instruction manual, AC Cable, Modular cable

*Japanese instruction manual only (PAR-H/HL series)



Option GP-IB Adapter

Provides the listener / talker function which controls all functions including the voltage and current settings and reads the output voltage and current values of the PAR/PAR-H series power supplies through the GP-IB bus.

- A single adapter can control up to 10 PAR series supplies.
- The interface function conforms to IEEE488-1978 and the listener / talker function, SRQ function, and ID recognition allows you to create a system with excellent safety.

[GP-620 Specifications]

| GP-IB | | PWR Bus (Remote Connector) | |
|---------------------------|---|---------------------------------------|---|
| Electrical specifications | Conform to IEEE488.1-1978 | Data transfer rate | 9600bit/second,±5% |
| Mechanical specifications | Conform to IEEE488.1-1978 | Data code configuration | Start bit× 1bit, data bit× 7bit, parity bit× 1bit, stop bit×1bit |
| Interface function | SH1, AH1, TE0, L3, LE0, T6, SR1, RL1, PP0, DC1, DT1, C0 | Parity system | Even parity |
| Address setting | Address from 0 to 30 can be set using an address switch. | Maximum control code length | 1.5m |
| Listen-only mode | Can be set with the L-ONLY switch. | Number of controllable power supplies | PAR:10 supplies |
| Send delimiter selection | Can be set with the EO/CR.LF switch. | Signaling format | Single-current NRZ (0: + 5V, 1: 0V) |
| Remote-local function | Can be set with the LOCAL switch. | Power supply | 100, 120, 220, 240 V AC ±10% (250V max) internally switchable 50Hz/60Hz |
| Talker function | Detection of the status of all outputs and settings of the controlled power supplies. | Power consumption | Approx. 5W |
| Listener function | Detection of the status of all outputs of the controlled power supplies. | Dimensions | 68(W)×147(H)×251(D) mm |
| Service request function | Notification of Change in the CV/CC status of the controlled power supplies, Notification of abnormal voltage occurrence in the controlled power supplies | Maximum dimensions | 73(W)×161.5(H)×283(D) mm |
| | | Weight | Approx. 1.8kg |
| | | Accessories | Instruction manual ×1, Modular cable ×1, Power cable ×1 |