

# Multi-Output Regulated DC Power Supplies

## PW-A Series

### 4-Output

<b>PW8-3AQP</b>	(+8V/3A, +8V/3A, +8V/3A, +8V/3A)
<b>PW18-1.8AQ</b>	(+18V/1.8A, -18V/1.8A, +8V/2A, -6V/1A)
<b>PW24-1.5AQ</b>	(+24V/1.5A, -24V/1.5A, +8V/2A, +8V/2A)

### 3-Output

<b>PW8-3ATP</b>	(+8V/3A, +8V/3A, +18V/1.5A)
<b>PW16-2ATP</b>	(+16V/2A, +16V/2A, +16V/2.5A)
<b>PW18-2ATP</b>	(+18V/2A, +36V/1A, +8V/2A)

### 2-Output

<b>PW16-5ADP</b>	(+16V/5A, +6V/3A)
<b>PW18-3AD</b>	(+18V/3A, -18V/3A)
<b>PW18-3ADP</b>	(+18V/3A, +18V/3A)
<b>PW36-1.5AD</b>	(+36V/1.5A, -36V/1.5A)
<b>PW36-1.5ADP</b>	(+36V/1.5A, +36V/1.5A)

### 2 or 3-Output with Remote Sensing

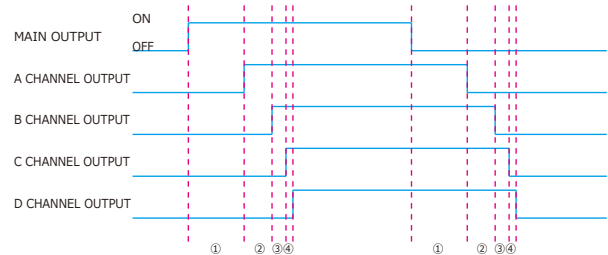
<b>PW18-1.3ATS</b>	(+18V/1.3A, -18V/1.3A, +6V/5A)
<b>PW26-1ATS</b>	(+26V/1A, -26V/1A, +6V/5A)
<b>PW8-5ADPS</b>	(+8V/5A, +8V/5A)

- One-Dial Control  
All setting conditions are selected at the single rotary-encoder.
- Tracking  
Output voltage and current value of positive and negative can be adjusted from zero at the same time by the absolute value tracking.
- 4-Point Pair Presetting of Voltage and Current Value
- ON/OFF Delay Time  
Delay-time can be set in each output.
- Output Selection  
On and off of each output can be selected and set besides the main output key.
- Key Lock  
A key lock function provides to hold all setting values except for power switch.
- Limit & Status Key  
The output voltage and current values can be confirmed by the limit-key. The tracking of each output and the condition of delay setting can be confirmed by the status-key.
- Various External Controls  
ON/OFF of main output, PRESET 1 to 4 and alarm.
- Overheating Protection
- GP-IB, USB, RS-232C  
GP-IB/USB inter face card (IF-41GU), USB inter face card (IF-41USB) and RS-232C card (IF-41RS) provided as user option.

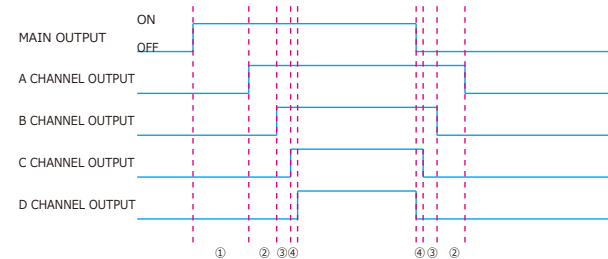
### Multi Output



### Delay Time function Time chart example



### Delay Time function Time chart example(2)



### Specifications

Model	Channels	Output				Ripple		Line regulation		Load regulation		Power consumption W/VA(approx.)	Voltage setting resolution	Current setting resolution	Voltage load regulation	Current load regulation	Voltmeter	Ammeter	Power requirement	Power consumption	Case dimensions	Weight	Accessories
		(Voltage, Current)				CV	CC	CV	CC	CV	CC												
PW8-3AQP	4	+8V/3A	+8V/3A	+8V/3A	+8V/3A	0.5	1.5	1	2	2	5	245W/300VA	1mV (at ±6V, +8V output), 10mV (at ±16V, ±18V, ±26V, ±36V output)	1mA	2mV (with respect to change from 0 to 100%)	5mA (with respect to change from 0 to 100%)	4 digit, red LED	4 digit, red LED	AC100/115/200/230V ±10%, 50/60Hz	Approx.220W	138(W)×124(H)×380(D) mm	Approx.9.1kg	Instruction manual x1, power cable x1, External control cable x1, Remote sensing connector lead x2 (PW26-1ATS, PW18-1.3ATS only)
PW18-1.8AQ	4	+18V/1.8A	-18V/1.8A	+8V/2A	-6V/1A	0.5	1.5	1	2	2	5	191W/255VA											
PW24-1.5AQ	4	+24V/1.5A	-24V/1.5A	+8V/2A	+8V/2A	0.6 *1	1.5	1	2	2	5	220W/276VA											
PW8-3ATP	3	+8V/3A	+8V/3A	+18V/1.5A		0.5	1.5	1	2	2	5	183W/240VA											
PW16-2ATP	3	+16V/2A	+16V/2A	+16V/2.5A		0.5	1.5	1	2	2	5	210W/267VA											
PW18-2ATP	3	+18V/2A	+36V/1A	+8V/2A		0.6 *1	1.5	1	2	2	5	178W/242VA											
PW18-1.3ATS	3	+18V/1.3A	-18V/1.3A	+6V/5A		0.5	1.5	1	2	2	5	179W/230VA											
PW26-1ATS	3	+26V/1A	-26V/1A	+6V/5A		0.6 *1	1.5	1	2	2	5	193W/250VA											
PW8-5ADPS	2	+8V/5A	+8V/5A			0.5	1.5	1	2	2	5	214W/247VA											
PW16-5ADP	2	+16V/5A	+6V/3A			0.5	1.5	1	2	2	5	212W/256VA											
PW18-3AD	2	+18V/3A	-18V/3A			0.5	1.5	1	2	2	5	213W/278VA											
PW18-3ADP	2	+18V/3A	+18V/3A			0.5	1.5	1	2	2	5	213W/278VA											
PW36-1.5AD	2	+36V/1.5A	-36V/1.5A			0.6 *1	1.5	1	2	2	5	189W/255VA											
PW36-1.5ADP	2	+36V/1.5A	+36V/1.5A			0.6 *1	1.5	1	2	2	5	189W/255VA											

\* 1: 0.5mVrms for the channels of ±24V or less.

# Regulated DC Power Supplies

**PAR18-6A** (18V/6A)

**PAR36-3A** (36V/3A)

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

## PAR-A Series

Remote Sensing



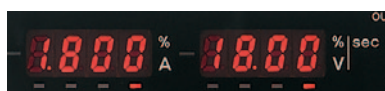
### Specifications

Model	Output (Voltage, Current)	Ripple		Line regulation		Load regulation		Dimensions WxHxD(mm)	Max dimensions WxHxD(mm)	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	138x124x380	140x148x403	213W/278VA	9.1
PAR36-3A	0V-36V, 0A-3A	0.5	2	1	2	2	5	138x124x380	140x148x403	189W/255VA	9.1

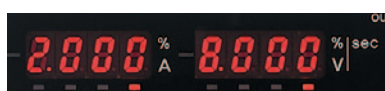
### ● Setting Resolution

Voltage: 1mV (10mV: +16V, +/-18V, +/-24V, +/-26V, +/-36V)

Current: 1mA



1.8A +18V

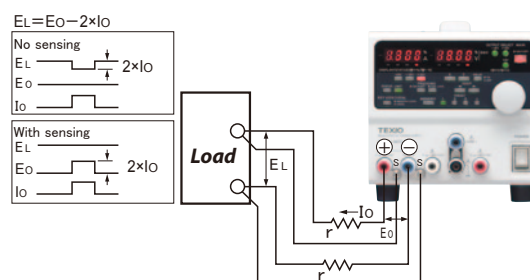


2A +8V

### ● Remote Sensing function

Remote Sensing function can compensate voltage drop caused by cable impedance.

PW26-1ATS, PW18-1.3ATS, PW8-5ADPS and PAR-A series only.



### Options

IF-41GU	GP-IB/USB interface board
IF-41RS	RS-232C interface board
IF-41USB	USB interface board
TA-60	D-sub 25pin - Modular connector changer
TA-66	D-sub 9pin - Modular connector changer
RT-63	Remote controller

CB-2420P	GP-IB cable
CB-0603S	Modular cable (0.3m)
CB-0615S	Modular cable (1.5m)
CB-0630S	Modular cable (3.0m)
CB-06100S	Modular cable (10m)