

PPS-3635 Specifications

The specifications apply when the PPS-3635 is powered on for at least 30 minutes under +20°C~+30°C.

OUTPUT

Voltage	0~36V
Current	0~3.5A
OVP	0~38.5V

LOAD REGULATION

Voltage	$\leq 3\text{mV}$ rear output ($\leq 6\text{mV}$ front output)
Current	$\leq 3\text{mA}$ ($\leq 6\text{mA}$ rating current $> 3.5\text{A}$)

LINE REGULATION

Voltage	$\leq 3\text{mV}$
Current	$\leq 3\text{mA}$

RESOLUTION

Voltage	10mV (20mV rating voltage $> 36\text{V}$)
Current	1mA (2mA rating current $> 3.5\text{A}$)
OVP	10mV (20mV rating voltage $> 36\text{V}$)

PROGRAM ACCURACY (25±5° C)

Voltage	$\leq 0.05\% + 25\text{mV}$ (+ 50mV rating voltage $> 36\text{V}$)
Current	$\leq 0.2\% + 10\text{mA}$
OVP	$\leq 2\% + 0.6\text{V}$

RIPPLE & NOISE (20Hz ~ 20MHz)

Voltage	Ripple 1mVrms / 3mVp-p Noise 2mVrms / 30mVp-p
Current	$\leq 3\text{mA}$ rms ($\leq 5\text{mA}$ rms rating current $> 3.5\text{A}$)

TEMPERATURE (0~40° C) COEFFICIENT

Voltage	$\leq 100\text{ppm} + 3\text{mV}$
Current	$\leq 150\text{ppm} + 3\text{mA}$

READBACK RESOLUTION

Voltage	10mV (20mV rating voltage $> 36\text{V}$)
Current	1mA (2mA rating current $> 3.5\text{A}$)

READBACK ACCURACY (25±5° C)

Voltage	$\leq 0.05\% + 25\text{mV}$ (+ 50mV rating voltage $> 36\text{V}$)
Current	$\leq 0.2\% + 10\text{mA}$

RESPONSE TIME

Voltage Up(10%~90%)	$\leq 100\text{mS}$
Voltage Down(90%~10%)	$\leq 100\text{mS}$

READBACK TEMPERATURE COEFFICIENT

Voltage	$\leq 100\text{ppm} + 10\text{mV}$ (+ 20mV rating voltage $> 36\text{V}$)
Current	$\leq 150\text{ppm} + 10\text{mA}$

DRIFT

Voltage	$\leq 0.03\% + 6\text{mV}$
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Current $\leq 0.1\% + 6\text{mA}$

MEMORY

Store / Recall 100 sets

TIMER

Setting time 1 sec ~ 255 Min (Max 255 Min x 100 sets)

Resolution 1 sec

Function for output working loop (Auto Step Running)

INTERFACE

GPIO Interface Standard

POWER SOURCE

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

ACCESSORIES

User manual x 1

Power cord x 1

Test lead GTL-104 x 1

DIMENSIONS & WEIGHT

255(W) x 145(H) x 346(D)mm

Approx. 9.5 kg