

## PPT-Series Specifications

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

	PPT-1830	PPT-3615
<b>OUTPUT</b>		
Voltage	0~18Vx2, 0~6Vx1	0~36Vx2, 0~6Vx1
Current	0~3Ax2, 0~5Ax1	0~1.5Ax2, 0~3Ax1
OVP	0~20Vx2, 0~7Vx1	0~38.5Vx2, 0~7Vx1
<b>LOAD REGULATION</b>		
Voltage	≤ 3mV rear output ( ≤ 6mV front output )	
Current	≤ 3mA ( ≤ 6mA rating current > 3.5A )	
<b>LINE REGULATION</b>		
Voltage	≤ 3mV	
Current	≤ 3mA	
<b>RESOLUTION</b>		
Voltage	10mV ( 20mV rating voltage > 36V )	
Current	1mA ( 2mA rating current >3.5A )	
OVP	10mV( 20mV rating voltage > 36V )	
<b>PROGRAM ACCURACY (25±5° C)</b>		
Voltage	≤ 0.05% + 25mV ( + 50mV rating voltage > 36 V )	
Current	≤ 0.2% + 10mA	
OVP	≤ 2% + 0.6V	
<b>RIPPLE &amp; NOISE (20Hz ~ 20MHz)</b>		
Voltage	Ripple 1mVrms / 3mVp-p Noise 2mVrms / 30mVp-p	
Current	≤ 3mA rms ( ≤ 5mA rms rating current > 3.5A )	
<b>TEMPERATURE (0~40° C ) COEFFICIENT</b>		
Voltage	≤ 100ppm + 3mV	
Current	≤ 150ppm + 3mA	
<b>READBACK RESOLUTION</b>		
Voltage	10mV ( 20mV rating voltage > 36V )	
Current	1mA ( 2mA rating current > 3.5A )	
<b>READBACK ACCURACY (25±5° C)</b>		
Voltage	≤ 0.05% + 25mV ( + 50mV rating voltage > 36V )	
Current	≤ 0.2% + 10mA	
<b>RESPONSE TIME</b>		
Voltage Up(10%~90%)	≤ 100mS	
Voltage Down(90%~10%)	≤ 100mS ( ≥ rating road)	
<b>READBACK TEMPERATURE COEFFICIENT</b>		
Voltage	≤ 100ppm + 10mV ( + 20mV rating voltage > 36V )	
Current	≤ 150ppm + 10mA	

<b>DRIFT</b>	
Voltage	$\leq 0.03\% + 6\text{mV}$
Current	$\leq 0.1\% + 6\text{mA}$
<b>TRACK OPERATION</b>	
Tracking Error	$\leq 0.1\% + 50\text{mV}$
Series Regulation	$\leq 50\text{mV}$
<b>PARALLEL OPERATION</b>	
Program Accuracy (25±5° C)	Voltage $\leq 0.05\% + 25\text{mV}$ ( + 50mV rating voltage > 36V ) Current $\leq 0.2\% + 20\text{mA}$ OVP $\leq 2\% + 0.6\text{V}$
Load Effect	Voltage $\leq 3\text{mV}$ rear output ( $\leq 6\text{mV}$ front output ) Current $\leq 6\text{mA}$ ( $\leq 12\text{mA}$ rating current > 3.5A )
Source Effect	Voltage $\leq 3\text{mV}$ Current $\leq 6\text{mA}$
<b>MEMORY</b>	
	Store / Recall 50 sets
<b>TIMER</b>	
Setting time	1 sec ~ 255 min ( Max 255 min x 50 sets)
Resolution	1 sec
Function	for output working loop ( Auto Step Running)
<b>INTERFACE</b>	
	GPIB
<b>POWER SOURCE</b>	
	AC100V/120V/220V/240V±10%, 50/60Hz
<b>DIMENSIONS &amp; WEIGHT</b>	
	255(W) x 145(H) x 346(D)mm Approx. 10 kg