

Model	GPP-3060			GPP-6030		
Output Mode						
Number of Channel	CH1	CH2	CH3	CH1	CH2	CH3
Voltage	0~30V	0~30V	1.8/2.5/3.3/5V, ±5%	0~60V	0~60V	1.8/2.5/3.3/5V, ±5%
Current	0~6A	0~6A	5A(MAX), 3A(MAX,USB port)	0~3A	0~3A	5A(MAX), 3A(MAX,USB port)
Tracking Series Voltage	0~60V		---	0~120V		---
Tracking Parallel Current	0~12A			0~6A		
Constant Voltage Operation						
Line Regulation	$\leq 0.01\%+3mV$		$\leq 3mV$	$\leq 0.01\%+3mV$		$\leq 3mV$
Load Regulation	$\leq 0.01\% + 5mV$ (rating current $\leq 10A$)		$\leq 5mV$	$\leq 0.01\% + 5mV$ (rating current $\leq 10A$)		$\leq 5mV$
Ripple & Noise(5Hz - 1MHz)	$\leq 1mVrms$		$\leq 2mVrms$	$\leq 1mVrms$		$\leq 2mVrms$
Recovery Time	$\leq 100\mu s$		$\leq 100\mu s$	$\leq 100\mu s$		$\leq 100\mu s$
Constant Current Operation						
Line Regulation	$\leq 0.01\%+3mA$		---	$\leq 0.01\%+3mA$		---
Load Regulation	$\leq 0.01\%+3mA$		---	$\leq 0.01\%+3mA$		---
Ripple & Noise	$\leq 2mA$		---	$\leq 2mA$		---
Tracking Operation(CH1,CH2)						
Tracking Error	$\leq 0.1\%+10mV$ of Master(GPP-3060), $\leq 0.2\%+20mV$ of Master(GPP-6030) (No Load , with load add load regulation $\leq 200mV$)					
Parallel Regulation	Line: $\leq 0.01\%+3mV$					
	Load: $\leq 0.01\%+5mV$ (rating current $\leq 10A$)					
	$\leq 0.02\%+5mV$ (rating current $> 10A$)					
Series Regulation	Line: $\leq 0.01\%+5mV$					
	Load: $\leq 200mV$					
Ripple & Noise(5Hz - 1MHz)	$\leq 2mVrms$ (5Hz-1MHz)					
Meter						
Voltage Programming Resolution	1mV		-	2mV		-
Current Programming Resolution	0.2mA		-	0.1mA		-
Voltage Readback Resolution	0.1mV		-	0.1mV		-
Current Readback Resolution	0.1mA		-	0.1mA		-
Voltage Setting Accuracy	$\leq \pm(0.03\% \text{ of reading} + 10mV)$		-	$\leq \pm(0.03\% \text{ of reading} + 10mV)$		-
Current Setting Accuracy	$\leq \pm(0.30\% \text{ of reading} + 10mA)$		-	$\leq \pm(0.30\% \text{ of reading} + 10mA)$		-
Voltage Readback Accuracy	$\leq \pm(0.03\% \text{ of reading} + 10mV)$		-	$\leq \pm(0.03\% \text{ of reading} + 10mV)$		-
Current Readback Accuracy	$\leq \pm(0.30\% \text{ of reading} + 10mA)$		-	$\leq \pm(0.30\% \text{ of reading} + 10mA)$		-
DC load Characteristic						
Channel	Ch1/Ch2		-	Ch1/Ch2		-
Display power	0~50.00W		-	0~50.00W		-
Display voltage	1~32.00V		-	1~62.00V		-
Display current	0~6.2A		-	0~3.200A		-
CV mode setting Range	1.500V ~ 32.00V		-	1.500V ~ 62.00V		-
Resolution	10mV		-	10mV		-
Set Accuracy	$\leq 0.1\%+30mV$		-	$\leq 0.1\%+30mV$		-
Read Accuracy	$\leq 0.1\%+30mV$		-	$\leq 0.1\%+30mV$		-
CC mode setting Range	0 ~ 6.200A		-	0 ~ 3.200A		-
Resolution	1mA		-	1mA		-
Set Accuracy	$\leq 0.3\%+10mA$		-	$\leq 0.3\%+10mA$		-
Read Accuracy	$\leq 0.3\%+10mA$		-	$\leq 0.3\%+10mA$		-
CR mode setting Range	1 ~ 1K ohm		-	1 ~ 1K ohm		-
Resolution	1 ohm		-	1 ohm		-

Model	GPP-3060		GPP-6030	
Set Accuracy	$\leq 3\%+1 \text{ ohm}$ (Voltage $\geq 0.1\text{V}$, Current $\geq 0.1\text{A}$)	-	$\leq 3\%+1 \text{ ohm}$ (Voltage $\geq 0.1\text{V}$, Current \geq 0.1A)	-
Read Accuracy	$\leq 3\%+1 \text{ ohm}$ (Voltage $\geq 0.1\text{V}$, Current $\geq 0.1\text{A}$)	-	$\leq 3\%+1 \text{ ohm}$ (Voltage $\geq 0.1\text{V}$, Current \geq 0.1A)	-
Insulation				
Chassis and Terminal	20M Ω or above (DC 500V)			
Chassis and AC Power Cord	30M Ω or above (DC 500V)			
Environment Condition				
Operation Temp	0~40 $^{\circ}\text{C}$			
Storage Temp	-10~70 $^{\circ}\text{C}$			
Operating Humidity	$\leq 80\%$ RH			
Storage Humidity	$\leq 70\%$ RH			
Other				
Power Source	AC100V/120V/220V/230V $\pm 10\%$; 50/60Hz			
Power consumption	900VA, 680W			
Dimensions & Weight	213(W)x 145(H) x 362(D) mm ; Approx. 10kg			