

		GPP-3060			GPP-6030			GPP-3650			
Output Mode											
Number of Channel		CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	
Voltage		0 ~ 30.000V	0 ~ 30.000V	1.8V/2.5V/3.3V/5.0V, ±5%	0 ~ 60.000V	0 ~ 60.000V	1.8V/2.5V/3.3V/5.0V, ±5%	0 ~ 36.000V	0 ~ 36.000V	1.8V/2.5V/3.3V/5.0V, ±5%	
Current		0 ~ 6.0000A	0 ~ 6.0000A	5A (USB Port 3A)	0 ~ 3.0000A	0 ~ 3.0000A	5A (USB Port 3A)	0 ~ 5.0000A	0 ~ 5.0000A	5A (USB Port 3A)	
Tracking Series Voltage / Current		0 ~ 60.000V / 0 ~ 6.0000A		-	0 ~ 120.000V / 0 ~ 3.0000A		-	0 ~ 72.000V / 0 ~ 5.0000A		-	
Tracking Parallel Voltage / Current		0 ~ 30.000V / 0 ~ 12.0000A		-	0 ~ 60.000V / 0 ~ 6.0000A		-	0 ~ 36.000V / 0 ~ 10.0000A		-	
Warning The CH3 output current from the 2 terminals should Not exceed 5A.											
Constant Voltage Operation											
Line Regulation		≤0.01% + 3mV		≤3mV	≤0.01% + 3mV		≤3mV	≤0.01% + 3mV		≤3mV	
Load regulation		≤0.01% + 5mV (rating current ≤10A)		≤5mV	≤0.01% + 5mV (rating current ≤10A)		≤5mV	≤0.01% + 5mV (rating current ≤10A)		≤5mV	
Ripple & noise (5Hz-1MHz)		≤1mVrms		≤2mVrms	≤1mVrms		≤2mVrms	≤1mVrms		≤2mVrms	
Transient recovery time		≤100μs (50% load change · minimum load 0.5A)									
Temperature coefficient		≤300ppm/°C									
Constant Current Operation											
Line Regulation		≤0.01% + 3mA									
Load regulation		≤0.01% + 3mA									
Ripple & noise		≤2mArms									
Resolution											
Programming	Voltage	1mV			2mV			2mV			
	Current	0.2mA			0.1mA			0.1mA			
Reedback	Voltage	0.1mV			0.1mV			0.1mV			
	Current	0.1mA			0.1mA			0.1mA			
Tracking Operation(CH1/CH2)											
Tracking error		≤0.1% + 10mV of Master (No Load, with load add load regulation ≤ 200mV)			≤0.2% + 20mV of Master (No Load, with load add load regulation ≤ 200mV)			≤0.1% + 10mV of Master (No Load, with load add load regulation ≤ 200mV)			
Parallel regulation	Line	≤0.01% + 3mV			≤0.01% + 3mV			≤0.01% + 3mV			
	Load	≤0.01% + 5mV (rating current ≤10A) ≤0.02% + 5mV (rating current > 10A)			≤0.01% + 5mV (rating current ≤10A) ≤0.02% + 5mV (rating current > 10A)			≤0.01% + 5mV (rating current ≤10A) ≤0.02% + 5mV (rating current > 10A)			
Series regulation	Line	≤0.01% + 5mV			≤0.01% + 5mV			≤0.01% + 5mV			
	Load	≤200mV			≤200mV			≤200mV			
Ripple & noise		≤2mVrms(5Hz-1MHz)			≤2mVrms(5Hz-1MHz)			≤2mVrms(5Hz-1MHz)			
Note Tracking is not supported in LOAD mode.											
Meter											
Full Scale	Voltage	32.0000V			62.0000V			36.0000V			1.8V/2.5V/3.3V/5.0V
	Current	6.2000A			3.2000A			5.2000A			
Programming	Voltage	5 digits			5 digits			5 digits			
	Current	5 digits			5 digits			5 digits			
Reedback Resolution	Voltage	6 digits			6 digits			6 digits			
	Current	5 digits			5 digits			5 digits			
Setting accuracy	Voltage	± (0.03% of reading + 10mV)			± (0.03% of reading + 10mV)			± (0.03% of reading + 10mV)			
	Current	± (0.3% of reading + 10mA)			± (0.3% of reading + 10mA)			± (0.3% of reading + 10mA)			
Readback accuracy	Voltage	± (0.03% of reading + 10mV)			± (0.03% of reading + 10mV)			± (0.03% of reading + 10mV)			
	Current	± (0.3% of reading + 10mA)			± (0.3% of reading + 10mA)			± (0.3% of reading + 10mA)			
DC Load Mode											
Display	Voltage	1 ~ 32.00V			1 ~ 62.00V			1 ~ 36.500V			
	Current	0 ~ 6.200A			0 ~ 3.200A			0 ~ 5.200A			
	Power	0 ~ 50.00W			0 ~ 50.00W			0 ~ 50.00W			
CV Mode	CH1/CH2	1.500V - 32.00V			1.500V - 62.00V			1.500V - 36.50V			
	Setting Accuracy	≤(0.1% + 30mV)			≤(0.1% + 30mV)			≤(0.1% + 30mV)			
	Reedback Accuracy	≤(0.1% + 30mV)			≤(0.1% + 30mV)			≤(0.1% + 30mV)			
	Resolution	10mV			10mV			10mV			

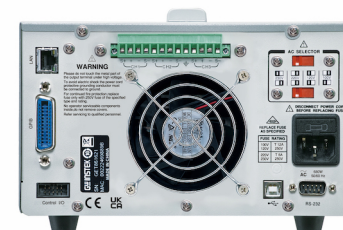
		GPP-3060		GPP-6030		GPP-3650	
CC Mode	CH1/CH2	0 ~ 6.200A		0 ~ 3.200A		0 ~ 5.200A	
	Setting Accuracy	$\pm(0.3\% + 10\text{mA})$		$\pm(0.3\% + 10\text{mA})$		$\pm(0.3\% + 10\text{mA})$	
	Reedback Accuracy	$\pm(0.3\% + 10\text{mA})$		$\pm(0.3\% + 10\text{mA})$		$\pm(0.3\% + 10\text{mA})$	
	Resolution	1mA		1mA		1mA	
CR Mode	CH1/CH2	1 Ω - 1k Ω		1 Ω - 1k Ω		1 Ω - 1k Ω	
	Setting Accuracy	$\pm(3\% + 1\Omega)$ (voltage \geq 0.1V, and current \geq 0.1A)		$\pm(3\% + 1\Omega)$ (voltage \geq 0.1V, and current \geq 0.1A)		$\pm(3\% + 1\Omega)$ (voltage \geq 0.1V, and current \geq 0.1A)	
	Reedback Accuracy	$\pm(3\% + 1\Omega)$ (voltage \geq 0.1V, and current \geq 0.1A)		$\pm(3\% + 1\Omega)$ (voltage \geq 0.1V, and current \geq 0.1A)		$\pm(3\% + 1\Omega)$ (voltage \geq 0.1V, and current \geq 0.1A)	
	Resolution	1 Ω		1 Ω		1 Ω	
Protection							
OVP	Power Mode	OFF,ON(0.5V-35.0V)	Fixed 5.5V	OFF,ON(0.5V-65.0V)	Fixed 5.5V	OFF,ON(0.5V-38.0V)	Fixed 5.5V
	Load Mode	OFF,ON(1.5V-35.0V)	-	OFF,ON(1.5V-65.0V)	-	OFF,ON(1.5V-38.0V)	-
	Setting Accuracy	$\pm 100\text{mV}$					
	Resolution	100mV					
OCP	Power Mode	OFF,ON(0.05A-6.50A)	3.1A(USB port)	OFF,ON(0.05A-3.50A)	3.1A(USB port)	OFF,ON(0.05A-5.50A)	3.1A(USB port)
	Load Mode	OFF,ON(0.05A-6.50A)	-	OFF,ON(0.05A-3.50A)	-	OFF,ON(0.05A-5.50A)	-
	Setting Accuracy	$\pm 20\text{mA}$					
	Resolution	10mA					
Insulation resistance	Between chassis and terminal	20M Ω or above (DC 500V)					
	Between chassis and DC power cord	30M Ω or above (DC 500V)					
General							
Operation Environment	Indoor use, Altitude: $\leq 2000\text{m}$						
	Ambient temperature: 0 ~ 40°C						
	Relative humidity: $\leq 80\%$						
Storage Environment	Installation category: II / Pollution degree: 2						
	TEMPERATURE: -10°C ~ 70°C						
	HUMIDITY: $\leq 90\%$						
Power Input	AC 100V/120V/220V/230V $\pm 10\%$, 50/60Hz						
Power Consumption	900VA, 680W						
Accessories	CD User manual x1, Quick Start manual x1, Power Code x1						
	Test lead: GTL-104A x 3						
Dimensions	(Europe) Test lead: GTL-204A x 3, GTL-201A x 1						
Weight	213 (W) x 145 (H) x 362 (D) mm						
	Approx. 10kg						



GPP-3060/ GPP-6030



GPP-3650



GPP-Series Back