GPR-M Specifications

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

DC OUTPUT		
	Output Volts (V)	**Output Amps (A)**
GPR-1810HD	0 ~ 18	0 ~ 10
GPR-3060D	0 ~ 30	0 ~ 6
GPR-6030D	0 ~ 60	0 ~ 3
CONSTANT VOLTAGE OPERATION		
Regulation	Line regulation ≤ 0.01% + 3mV Load regulation ≤0.01% + 5mV (<10A) Load regulation ≤ 0.02% + 5mV (≥10A)	
Ripple & Noise	≤ 1mVrms (5Hz ~ 1MHz)	
Recovery Time	≤ 100μS (50% load change, minimum load 0.5A)	
Output range	0 to rating voltage continuously adjustable	
CONSTANT CURRENT OPERATION		
Regulation	Line regulation ≤ 0.2% + 3mA Load regulation ≤0.2% + 3mA	
Ripple Current	≤ 3mArms	
Output Range	0 to rating current continuously adjustable	
METER		
Type	3 1/2 Digits 0.5" LED Display	
Accuracy	±(0.5% of rdg + 2 digits)	
INSULATION		
Chassis and Terminal	20MΩ or above (DC 500V)	
Chassis and AC Cord	30MΩ or above (DC 500V)	
POWER SOURCE		
	AC 100V/120V/220V/240V±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 335(D)mm Approx. 11.5kg	

GPR-H Specifications

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

DC OUTPUT		
	Output Volts (V)	**Output Amps (A)**
GPR-0830HD	0 ~ 8	0 ~ 30
GPR-1820HD	0 ~ 18	0 ~ 20
GPR-3510HD	0 ~ 35	0 ~ 10
GPR-6060D	0 ~ 60	0 ~ 6
GPR-7550D	0 ~ 75	0 ~ 5
GPR-11H30D	0 ~ 110	0 ~ 3
GPR-30H10D	0 ~ 300	0 ~ 1
CONSTANT VOLTAGE OPERATION		
Regulation	Line regulation ≤ 0.01% + 3mV Load regulation ≤0.01% + 5mV (<10A) Load regulation ≤ 0.02% + 5mV (≥10A)	
Ripple & Noise	≤ 1mVrms (5Hz ~ 1MHz)	
Recovery Time	≤ 100μS (50% load change, minimum load 0.5A)	
Output range	0 to rating voltage continuously adjustable	
CONSTANT CURRENT OPERATION		
Regulation	Line regulation ≤ 0.2% + 3mA Load regulation ≤0.2% + 5mA	
Ripple Current	≤ 5mArms (≤ 20A) ≤ 10mArms (≤ 30A) ≤ 20mArms (≤ 50A)	
Output Range	0 to rating current continuously adjustable	
METER		
Type	3 1/2 Digit 0.5" LED Display	
Accuracy	±(0.5% of rdg + 2 digits)	
INSULATION		
Chassis and Terminal	100MΩ or above (DC 1000V)	
Chassis and AC Cord	100MΩ or above (DC 1000V)	
POWER SOURCE		
	AC 100V/120V/220V/240V±10%, 50/60Hz	
ACCESSORIES		
	User manual x 1 Power cord x 1 Test lead GTL-105 x 1 (≤3A) or GTL-104 x 1 (≦10A) or Not available (>10A)	
DIMENSIONS & WEIGHT		
	225(W) x 145(H) x 420(D)mm Approx. 18.5kg	

GPR-U Specifications

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

DC OUTPUT		
	Output Volts (V)	**Output Amps (A)**
GPR-1850HDN	0 ~ 18	0 ~ 50
GPR-3520HDA	0 ~ 35	0 ~ 20
GPR-6015HDA	0 ~ 60	0 ~ 15
GPR-7510HDA	0 ~ 75	0 ~ 10
GPR-16H50DA	0 ~ 160	0 ~ 5
GPR-25H30DA	0 ~ 250	0 ~ 3
GPR-35H20DA	0 ~ 350	0 ~ 2
GPR-50H15DA	0 ~ 500	0 ~ 1.5
GPR-60H15DA	0 ~ 600	0 ~ 1.5
GPR-100H05DA	0 ~ 1000	0 ~ 0.5
GPR-3520HDC	0 ~ 35	0 ~ 20
GPR-6015HDC	0 ~ 60	0 ~ 15
GPR-7510HDC	0 ~ 75	0 ~ 10
CONSTANT VOLTAGE OPERATION		
Regulation	Line regulation ≦ 0.01% + 3mV Load regulation ≦ 0.01% + 5mV (<10A) Load regulation ≦ 0.02% + 5mV (≧10A)	
Ripple & Noise	≦ 2mVrms (5Hz ~ 1MHz)	
Recovery Time	≦ 100μS (50% Load change, Minimum load 0.5A)	
Output range	0 to rating voltage continuously adjustable	
CONSTANT CURRENT OPERATION		
Regulation	Line regulation ≦ 0.2% + 3mA Load regulation ≦ 0.2% + 3mA	
Ripple Current	≦ 5mArms (≦ 20A) ≦ 20mArms (≦ 50A) ≦ 100mArms (≦ 100A)	
Output Range	0 to rating current continuously adjustable	
METER		
Type	3 1/2 Digits 0.5" LED Display	
Accuracy	± (0.5% of rdg + 2 digits)	
INSULATION		
Chassis and Terminal	100MΩ or above (DC 1000V)	
Chassis and AC Cord	100MΩ or above (DC 1000V)	
POWER SOURCE		
	AC120V±10%, 50/60Hz (AC 220V or 240V order made)	
ACCESSORIES		
	User manual x 1 Test lead GTL-105 x 1 (≦3A), or GTL-104 x 1 (≦10A), or Not available (>10A or 600V)	
DIMENSIONS & WEIGHT		
	300(W) x 192(H) x 545(D)mm Approx. 26.5kg	

Cosinus Messtechnik GmbH * Rotwandweg 4 * D-82024 Taufkirchen
Tel.: 089-665594-0 * Fax: 089-665594-30 * Web: www.cosinus.de * eMail: office@cosinus.de