

# **PLR-Series**

Low Noise D.C. Power Supply

## FEATURES

- Output Voltage Rating : 20V/36V/60V
- Output Power : 360W/720W
- Low Ripple and Noise(0.5mVrms/10mArms)
- Fast Transition Recovery Time(100μs)
- Equipped Power Factor Correction Circuit for AC-input 100~240VAC
- Maximum 2 units in Series Connections or 3 units in Parallel Connections
- Select the Setting Digits for Voltage and Current(Coarse/Fine Volume Control)
- Panel Lock Function/ 3 set of Preset Function
- Output Off Timer Function(Range:1 min to 1000 hours & 59mins)
- CC Priority Function(Prevent Overshoot & Inrush Current)
- Sequence Function of PC Editing(Max.:1000 steps/Min. step Period:50ms)
- Protection : OVP, UVP, OCP, Remote Sensing(Terminal Open)
- External Analog Control Function
- PC Remote Interface Standard : RS-232
- PC Remote Interface Optional : LAN/USB,GPIB/USB,External Analog Control



GW Instek launches the new generation PLR-series programmable switching D.C. power supply. The single power output ranges are 360W and 720W. The series comprises 6 models and the voltage ranges are 20V, 36V and 60V. The PLR- series is a hybrid circuit design which incorporates front stage switching and rear stage linear architectures. The unique advantages of this design benefit from the combination of both switching and linear structures. The front stage switching structure can effectively reduce size and weight, and the rear stage linear structure can maintain lower ripple voltage, lower ripple current, and faster transient response.

The PLR-series features many functions, including three sets of user-defined Preset function; programmable automatic Output off timer function; programmable Sequence function; CV, CC priority activation functions (prevent overshoot and inrush current while output is turned on); External voltage and current output control and OVP, OCP and UVP functions. The above functions are built-in. Users do not have to pay for any extra costs.

The flexible allocation is one of the advantages of the PLR-series. For users require large output power, the PLR-series allows maximum 3 same model units in parallel connection to obtain larger output current, and maximum 2 same model units in series connection to obtain larger output voltage.

The PLR-series takes the consideration of the integration between its rack and other systems. Hence, the heat dissipation design adopts front air inlet and rear air outlet (there is no air outlet on the top, bottom, and on the both sides). The optional dedicated rack mount adapter (GRA-427) is for PLR-series to be rack mounted. Other equipment can be directly placed on top or under PLR-series to save rack space.

The PLR-series is equipped with RS-232 interface and also provides optional GPIB&USB (PLR-GU) and USB&LAN (PLR-LU). The program control of maximum 32 units can be realized by Local Bus no matter which interface is utilized. Additionally, the PLR-ARC interface not only provides external voltage and external resistance control but also meets the requirement of PLC control.

The PLR-series genuinely meets users' requirements of the new generation DC power supplies. The series, completely simplifying and expediting system development processes, is suitable for the R&D, design verification, and manufacturing of the semi-conductor equipment, automobile, component and communications industries.

There are 6 models of the PLR-series. Model number, output voltage, output current and output power are as follows:

Function Model	PLR 20-18	PLR 20-36	PLR 36-10	PLR 36-20	PLR 60-6	PLR 60-12
Output Channel	1	1	1	1	1	1
Output Voltage	0 ~ 20V	0 ~ 20V	0 ~ 36V	0 ~ 36V	0 ~ 60V	0 ~ 60V
Output Current	0 ~ 18A	0 ~ 36A	0 ~ 10A	0 ~ 20A	0 ~ 6A	0 ~ 12A
Output Power	360W	720W	360W	720W	360W	720W

## SERIES AND PARALLEL CONNECTIONS (Voltage and Current Allocation Chart for Series and Parallel Operation)





Unit Model	PLR 20-18	PLR 20-36	PLR 36-10	PLR 36-20	PLR 60-6	PLR 60-12
Single Unit Voltage/Current Allocation	20V/18A	20V/36A	36V/10A	36V/20A	60V/6A	60V/12A
2 units in Series Operation Voltage/Current Allocation	40V/18A	40V/36A	72V/10A	72V/20A	120V/6A	120V/12A
2 units in Paralle Operation Voltage/Current Allocation	20V/36A	20V/72A	36V/20A	36V/40A	60V/12A	60V/24A
3 units in Paralle Operation Voltage/Current Allocation	20V/54A	20V/108A	36V/30A	36V/60A	60V/18A	60V/36A

#### Series Connection Diagram

Parallel Connection Diagram

To bring up the overall output power, the PLR-series supports same model units to be arranged in series operation for the maximum 2 units or in parallel operation for maximum 3 units. The series is very suitable for the power supply applications on D.C. power supply modules, electronic parts and components, and wafer plating equipment.



**Example for the Sequence Operation** 

Before applying the sequence function, a series of different voltage, current and duration steps must be edited by a PC to make a sequence. CSV format, through RS-232C, LAN/USB (option) or GPIB/USB (option) interface, is transmitted to the memory of the PLR-series to sequentially execute steps consisting of voltage, current, and duration settings of the sequence. The shortest time for each step is 50ms and the maximum steps are 1000. The sequence function is to test DUT's response to the fast changing power supply that is one of the crucial verification items for electronic products' reliability tests.

## OUTPUT OFF TIMER FUNCTION



Counting Down From 2hr and 20mins

The output off timer function is to set the PLR-series to automatically turn off its output after a certain period of time. The shortest time setting is 1 minute. The setting range is from 1 minute to the maximum 1000 hours and 59 minutes. This function can only be activated when power supply output is being turned on.

### OVP, OCP AND UVP FUNCTIONS



When the voltage and current outputs exceed the preset conditions of OVP and OCP, the PLR-series will be shut down so as to prevent DUT from any damages.

OCP : the setting range is 5%-110% of the rated output OVP : the setting range is 10%-110% of the rated output UVP : the setting range is  $1V \sim 110\%$  of the rated output

## E. PRESET FUNCTION



The PLR-series provides three parameter preset function keys on the front panel and each preset memory consists of parameters of output voltage and output current settings. Users via storing frequently used voltage and current parameters from the front panel to quickly save and recall parameters.

## F. EXTERNAL ANALOG CONTROL FUNCTION



#### Turning the Output on by External Analog Control Interface

The rear panel of the PLR-series features analog control terminal which controls output voltage and current values through external voltage or resistance. The on and off of power supply output or main power disconnection can also



#### Turning the Output Off by External Analog Control Interface

be executed via external analog control interface. The above diagrams show the typical external analog control connection methods. For more connection information, please refer to the user manual.





Comparison for Recovery Time (Vo = 20V)



Comparison for Recovery Time (Vo = 20V)





#### **Current Falling Comparison**



#### **Current Rising Comparison**



#### Ripple Comparison for Rating Power Output (Bandwidth : 1MHz)

**Ripple Comparison for Rating Power Output** 

The PLR-series has a fast transient recovery capability, which is ideal for applications of large load current changes. The above diagrams show the actual comparative results of transient response time under different techniques.



## H. FEATURE COMPARISONS

Operation	Linear Type Power	Supply	PLR-series (Hybrid)		Switching Type Power Supp	oly
Ripple & Noise for CV	0.35mVrms(Typ.)	Ø	≦ 0.5mVrms	0	7mVrms(Typ.)	Δ
Ripple & Noise for CC	< 2mArms(Typ.)	O	5mArms	0	72mArms(Typ.)	Δ
Recovery Time	< 50µs(Тур.)	O	≦ 100µs	0	lms(Тур.)	Δ
Series & Parallel Operation	_		$\checkmark$		$\checkmark$	
External Analog Control Interface	—		Opt.		Std.	
Interfaces	Std. : RS-232/GPIB		Std. : RS-232/Local bus Opt. : LAN/USB or GPIB/US	В	Std. : USB/LAN Opt. : USB to GPIB, USB to RS-23	2
Power	200W		360W		360W	
Dimensions (mm)	230(W) × 140(H) × 38	0(D) 🛆	140(W) × 124(H) × 364(D)	0	71(W) × 124(H) × 350(D)	0
Weight	10 kg	Δ	5.2 kg	0	3 kg	0
CE Certificate	$\checkmark$		$\checkmark$		$\checkmark$	

 $\bigcirc$  : Excellent  $\bigcirc$  : Good  $\triangle$  : Bad

SPECIFICATIONS	PLR 20-18	PLR 20-36	PLR 36-10	PLR 36-20	PLR 60-6	PLR 60-12
OUTPUT RATING	0V ~ 20V	0V ~ 20V	0V ~ 36V	0V ~ 36V	0V ~ 60V	0V ~ 60V
/oltage Current	0V ~ 20V 0 ~ 18A	0V ~ 20V 0 ~ 36A	0V ~ 36V 0 ~ 10A	0V ~ 36V 0 ~ 20A	0V ~ 60V 0 ~ 6A	0V ~ 60V 0 ~ 12A
Power	360W	720W	360W	720W	360W	720W
REGULATION (CV)	2	2.4	20.4	2.0.4	A	
.oad .ine	3mA 2mA	3mA 2mA	3.8mA 2.8mA	3.8mA 2.8mA	5mA 4mA	5mA 4mA
REGULATION (CC)						
.oad	5mA 5mA	5mA 10mA	5mA 1mA	5mA 5mA	5mA	5mA 5mA
ine RIPPLE & NOISE (Noise Band			ImA	Amc	1mA	And
CV p-p	30mVp-p	, 30mVp-p	30mVp-p	30mVp-p	30mVp-p	30mVp-p
CV rms CC rms	0.5mVrms	0.5mVrms	0.5mVrms	0.5mVrms	0.5mVrms	0.5mVrms
C rms READBACK ACCURACY (23°C	10mArms	10mArms	5mArms	10mArms	5mArms	5mArms
/oltage	± (0.1%rdg+2digits)	up)	± (0.1%rdg+2digits)		± (0.1%rdg+2digits)	
Current	± (0.5%rdg+2digits)		± (0.5%rdg+2digits)	, ,	± (0.5%rdg+2digits)	
Power SETTING ACCURACY (23°C±5	± (0.7%rdg+1.5%F.S.) 5°C. after 30 mins warm-un	)	± (0.7%rdg+1.5%F.S.	)	± (0.7%rdg+1.5%F.5	.)
/oltage	± (0.5%SET+0.5%F.S.)		± (0.5%SET+0.5%F.S	.)	± (0.5%SET+0.5%F.	S.)
Current	± (1%SET+1%F.S.)		± (1%SET+1%F.S.)		± (1%SET+1%F.S.)	·
RESPONSE TIME	E0mma /E0mmas Nia lagad /I	Datad laad	FOrme /FOrmer Nie laad	(Datad laad	E0ma /E0max Na Jaa	d (Datad Jaad
Raise Time Output voltage: 10%→90%FS)	50ms/50ms: No load/I	Kaled IOad	50ms/50ms: No load	rated load	50ms/50ms: No loa	u/kated load
<b>all Time(Full load)</b> Dutput voltage: 90%→10%FS)	50ms		50ms		150ms	
all Time(No load) Dutput voltage: 90%→10%FS)	250ms		250ms		600ms	
oad Transient Recover Time	<b>100</b> μ s		<b>100</b> μ s		100 µ s	
Load change from 50 to 100%)						
oltage	10mV		10mV		10mV	
urrent	10mA		10mA		10mA	
AEASUREMENT RESOLUTIO	<b>N</b> 10mV		10mV		10mV	
/oltage Current	10mA		10mA		10mA	
ERIES AND PARALLEL CAPA	ABILITY					
arallel Operation	Up to 3 units		Up to 3 units		Up to 3 units	
			Up to 2 units		Up to 2 units	
	Up to 2 units					
PROTECTION FUNCTION	· ·	6 E.S. Set resolution: 10 ti	mes the minimum displa	v resolution		
PPROTECTION FUNCTION	Set range : 10% to 1109	6 F.S. Set resolution: 10 ti out voltage exceeds the se				
PPROTECTION FUNCTION	Set range : 10% to 1109 Activated when the outp Set range : 5% to 110%	out voltage exceeds the se F.S. Set resolution: 10 tim	t OVP value : Hardware c nes of minimum display r	Íetection esolution		
PPROTECTION FUNCTION DVP DCP	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp	out voltage exceeds the se	t OVP value : Hardware o nes of minimum display r CP value : Software detec	letection esolution tion		
PPROTECTION FUNCTION DVP DCP JVP	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC	t OVP value : Hardware c nes of minimum display r CP value : Software detec nes the minimum display	letection esolution tion resolution		
PPROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim	t OVP value : Hardware c nes of minimum display r CP value : Software detec nes the minimum display	letection esolution tion resolution		
PPROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deperation Temp.	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim	t OVP value : Hardware c nes of minimum display r CP value : Software detec nes the minimum display	letection esolution tion resolution		
PPROTECTION FUNCTION DVP DCP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp $0^{\circ}C \sim 40^{\circ}C$ $- 20^{\circ}C \sim 60^{\circ}C$ $30\% \sim 85\%$ RH (No de	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim but voltage falls below the w condensation)	t OVP value : Hardware c nes of minimum display r CP value : Software detec nes the minimum display	letection esolution tion resolution		
PPROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Operating Humidity Storage Humidity	Set range : 10% to 110%           Activated when the outp           Set range : 5% to 110%           Activated when the outp           Set range : -1V to 110%           Activated when the outp           0°C ~ 40°C           - 20°C ~ 60°C           30% ~ 85% RH (No de           20% ~ 85% RH (No de	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim but voltage falls below the w condensation)	t OVP value : Hardware c nes of minimum display r CP value : Software detec nes the minimum display	letection esolution tion resolution		
PPROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity Storage Humidity READ BACK TEMP. COEFFICE	Set range : 10% to 110%           Activated when the outp           Set range : 5% to 110%           Activated when the outp           Set range : -1V to 110%           Activated when the outp           0°C ~ 40°C           - 20°C ~ 60°C           30% ~ 85% RH (No de           20% ~ 85% RH (No de	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim but voltage falls below the w condensation)	t OVP value : Hardware c nes of minimum display r CP value : Software detec nes the minimum display	letection esolution tion resolution		
PROTECTION FUNCTION DVP DCP SNVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity Storage	Set range : 10% to 110%           Activated when the outp           Set range : 5% to 110%           Activated when the outp           Set range : -1V to 110%           Activated when the outp           O°C ~ 40°C           - 20°C ~ 60°C           30% ~ 85% RH (No de           20% ~ 85% RH (No de	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim but voltage falls below the w condensation)	t OVP value : Hardware o nes of minimum display r CP value : Software detec nes the minimum display	letection esolution tion resolution		
PROTECTION FUNCTION DVP DCP NVIRONMENT CONDITION Deparation Temp. torage Temp. Deparating Humidity torage Humidity EAD BACK TEMP. COEFFICE foltage urrent DTHER	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp <b>N</b> 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 25% RH (No de	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim out voltage falls below the w condensation) w condensation)	t OVP value : Hardware c nes of minimum display r CP value : Software detec nes the minimum display set UVP value : Software	letection esolution resolution detection	510/4	1000\/A
PROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Operating Humidity Storage Humidity READ BACK TEMP. COEFFICE foltage urrent DTHER Power Consumption	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp           0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 100 mm/°C	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim but voltage falls below the w condensation)	t OVP value : Hardware o nes of minimum display r CP value : Software detec nes the minimum display	letection esolution tion resolution	510VA 0.99	1000VA 0.99
PPROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity Storage Humidity READ BACK TEMP. COEFFICE /oltage Current DTHER Power Consumption Power Factor Cooling Method	Set range : 10% to 110%           Activated when the outp           Set range : 5% to 110%           Activated when the outp           Set range : -1V to 110%           Activated when the outp           0°C ~ 40°C           - 20°C ~ 60°C           30% ~ 85% RH (No de           20% ~ 85% RH (No de           100ppm/°C           ± 100ppm/°C           570VA           0.99           Forced cooling : Fan sp	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim but voltage falls below the w condensation) w condensation) 1100VA 0.99 beed proportionate to th	t OVP value : Hardware of nes of minimum display r CP value : Software detect nes the minimum display set UVP value : Software 520VA 0.99	letection esolution tion resolution detection 1050VA 0.99		
Series Operation  PPROTECTION FUNCTION  DVP  COCP  UVP  ENVIRONMENT CONDITION  Deperation Temp.  Storage Temp.  Operating Humidity  READ BACK TEMP. COEFFICI  Voltage Current  DTHER  Power Consumption Power Factor  Cooling Method Power Source Interface	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 100ppm/°C ± 100ppm/°C           ± 100ppm/°C ± 100ppm/°C           570VA 0.99           Forced cooling : Fan sp Single-phase 100VAC	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim but voltage falls below the w condensation) w condensation) u condensation) 1100VA 0.99 beed proportionate to th to 240VAC, 50Hz to 60H	t OVP value : Hardware of nes of minimum display r CP value : Software detect nes the minimum display set UVP value : Software 520VA 0.99 ne temperature of the in z	fetection esolution tion detection 		
PROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Deparation Temp. Deparating Humidity Storage Temp. Deparating Humidity EAD BACK TEMP. COEFFICE foltage Current DTHER Power Consumption Power Factor Cooling Method Power Source nterface Analog Control	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp           0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de ENT ± 100ppm/°C ± 100ppm/°C           570VA 0.99           Forced cooling : Fan sp Single-phase 100VACt Standard : RS-232C ; C Yes	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim vut voltage falls below the w condensation) w condensation) w condensation) 1100VA 0.99 Deed proportionate to th to 240VAC, 50Hz to 60H Dptional : LAN/USB, GPI	t OVP value : Hardware c nes of minimum display r CP value : Software detect nes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in z IB/USB, External Analog	letection esolution iresolution detection 1050VA 0.99 ternal heat sink g Control	0.99	0.99
PROTECTION FUNCTION DVP DCP IVP IVP IVP INVIRONMENT CONDITION Deparation Temp. Operation Temp. Operating Humidity torage Humidity teAD BACK TEMP. COEFFICE foltage Current DTHER Tower Consumption Tower Factor Cooling Method Yower Source Therface Unalog Control	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp N 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 1ENT ± 100ppm/°C ± 100ppm/°C 570VA 0.99 Forced cooling : Fan sp Single-phase 100VAC to Standard : RS-232C ; C Yes 139.5 (H) x 140(W) x	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim but voltage falls below the w condensation) w condensation) 1100VA 0.99 beed proportionate to the to 240VAC, 50Hz to 60H Dptional : LAN/USB, GPI 139.5 (H) x 210(W) x	t OVP value : Hardware of nes of minimum display r CP value : Software detect nes the minimum display set UVP value : Software 520VA 0.99 re temperature of the in z IB/USB, External Analog 139.5 (H) x 140(W) x	letection esolution tion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x	0.99	0.99 139.5 (H) x 210(W)
PROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Deparation Temp. Deparating Humidity Storage Temp. Deparating Humidity EAD BACK TEMP. COEFFICE foltage Current DTHER Power Consumption Power Factor Cooling Method Power Source nterface Analog Control	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp N 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 1ENT ± 100ppm/°C ± 100ppm/°C 570VA 0.99 Forced cooling : Fan sp Single-phase 100VAC to Standard : RS-232C ; C Yes 139.5 (H) x 140(W) x	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim vut voltage falls below the w condensation) w condensation) w condensation) 1100VA 0.99 Deed proportionate to th to 240VAC, 50Hz to 60H Dptional : LAN/USB, GPI	t OVP value : Hardware of nes of minimum display r CP value : Software detect nes the minimum display set UVP value : Software 520VA 0.99 re temperature of the in z IB/USB, External Analog 139.5 (H) x 140(W) x	letection esolution tion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg	0.99	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5k
PPROTECTION FUNCTION DVP DCP UVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity Storage Humidity READ BACK TEMP. COEFFICE Voltage Current DTHER Power Consumption Power Factor Cooling Method Power Source Interface Analog Control Dimension & Weight	Set range : 10% to 110%           Activated when the outp           Set range : 5% to 110%           Activated when the outp           Set range : -1V to 110%           Activated when the outp           0°C ~ 40°C           - 20°C ~ 60°C           30% ~ 85% RH (No de           20% ~ 85% RH (No de           ± 100ppm/°C           ± 100ppm/°C           570VA           0.99           Forced cooling : Fan sp           Single-phase 100VAC1           Standard : RS-232C ; C           Yes           139.5 (H) x 140(W) x           415.5(D); Approx. 5.2kg	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim but voltage falls below the w condensation) w condensation) 1100VA 0.99 beed proportionate to the to 240VAC, 50Hz to 60H Dptional : LAN/USB, GPI 139.5 (H) x 210(W) x	t OVP value : Hardware of nes of minimum display r CP value : Software detect nes the minimum display set UVP value : Software 520VA 0.99 ne temperature of the in z IB/USB, External Analo 139.5 (H) x 140(W) x 415.5(D); Approx 5.2kg	fetection esolution tion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sub	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without not	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5k ice. PLR-SeriesGD16
PROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity Storage Humidity Storage Humidity READ BACK TEMP. COEFFICE foltage Current DTHER Power Consumption Power Factor Cooling Method Power Source nterface Analog Control Dimension & Weight	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp           0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de ENT ± 100ppm/°C ± 100ppm/°C           570VA 0.99           570VA 0.99           Forced cooling : Fan sp Single-phase 100VAC to Standard : RS-232C ; C Yes           139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg           IATION	but voltage exceeds the se F.S. Set resolution: 10 tim but current exceeds set OC F.S. Set resolution: 10 tim vut voltage falls below the w condensation) w condensation) ut condensation) 1100VA 0.99 Deed proportionate to th to 240VAC, 50Hz to 60H pptional : LAN/USB, GPI 139.5 (H) x 210(W) x 415.5 (D); Approx. 7.5kg	t OVP value : Hardware of nes of minimum display r CP value : Software detect nes the minimum display set UVP value : Software set UVP value : Software 520VA 0.99 ne temperature of the in z IB/USB, External Analog 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg User Manual(CD) x 1, P P-3 x 2, Flat washer x 2,	letection esolution tion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sub ower Cable x 1, Rear Output Hexagon nut x 2), Output ;	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without not at Terminal Cover x 1, Bolt seg grounding cable x 1, M4 Sm	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5k ice. PLR-SeriesGD16 t x 1(Hexagon head bol
PROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage Temp. Operating Humidity Storage Temp. Cooling Method Power Consumption Power Source neterface Analog Control Dimension & Weight DRDERING INFORM PLR 20-18 (0~20V/0~18A	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp           0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de ENT ± 100ppm/°C ± 100ppm/°C           570VA 0.99           570VA 0.99           Forced cooling : Fan sp Single-phase 100VAC Standard : RS-232C ; C Yes           139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg           IATION           A/360W) Low Noise DC	put voltage exceeds the se         F.S. Set resolution: 10 tim         put current exceeds set OC         F.S. Set resolution: 10 tim         put voltage falls below the         w condensation)         w condensation)         w condensation)         1100VA         0.99         beed proportionate to th         ptional : LAN/USB, GPI         139.5 (H) x 210(W) x         415.5(D); Approx. 7.5kg	t OVP value : Hardware of nes of minimum display r CP value : Software detect nes the minimum display set UVP value : Software 520VA 0.99 ne temperature of the in z IB/USB, External Analog 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg User Manual(CD) x 1, P P-3 x 2, Flat washer x 2, M3 Small Screw Washer	fetection esolution ion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sut ower Cable x 1, Rear Output Hexagon nut x 2), Output x 1, M3 Large Screw Wash	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without not at Terminal Cover x 1, Bolt seg grounding cable x 1, M4 Sm	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5k ice. PLR-SeriesGD16 t x 1(Hexagon head bol
PROTECTION FUNCTION DVP DCP IVP ENVIRONMENT CONDITION Deparation Temp. (torage Temp. Deparating Humidity (torage Humidity (torage Humidity (torage Humidity (torage Humidity) (torage Humidity)	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de EINT ± 100ppm/°C ± 100ppm/°C ± 100ppm/°C ± 100ppm/°C 139,5 (H) × 140(W) × 415.5(D); Approx. 5.2kg IATION A/360W) Low Noise DC A/720W) Low Noise DC	Dut voltage exceeds the se F.S. Set resolution: 10 tim put current exceeds set OC F.S. Set resolution: 10 tim rout voltage falls below the w condensation) w condensation) 1100VA 0.99 Deed proportionate to th to 240VAC, 50Hz to 60H ptional : LAN/USB, GPI 139.5 (H) x 210(W) x (415.5(D); Approx. 7.5kg Power Supply Power Supply Power Supply Power Supply	t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in Z 139.5 (H) x 140 (W) x 415.5 (D); Approx. 5.2kg User Manual (CD) x 1, P P-3 x 2, Flat washer x 2, M Small Screw Washer OPTIONAL ACCE PLR-GU GPIB/USB	fetection esolution ion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sub ower Cable x 1, Rear Output Hexagon nut x 2), Output i x 1, M3 Large Screw Wash SSORIES Interface Card	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without not at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Sma ier x 2 GTL-246 USB Cable	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5 ice. PLR-SeriesGD11 t x 1(Hexagon head bol all Screw Washer x 1, (1.2m)
PROTECTION FUNCTION DVP DCP VVP NVIRONMENT CONDITION Deparation Temp. torage Temp. Operating Humidity EAD BACK TEMP. COEFFICE oltage urrent DTHER ower Consumption ower Factor cooling Method ower Source tterface nalog Control Dimension & Weight DRDERING INFORM DR 20-18 (0~20V/0~18A DR 20-36 (0~20V/0~36A DR 36-10 (0~36V/0~20A	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No d	Dut voltage exceeds the se F.S. Set resolution: 10 tim out current exceeds set OC F.S. Set resolution: 10 tim out voltage falls below the w condensation) w condensation) 1100VA 0.99 Deed proportionate to th to 240VAC, 50Hz to 60H Dptional : LAN/USB, GPI 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Power Supply Power Supply Power Supply Power Supply Power Supply Power Supply Power Supply Power Supply	t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 Le temperature of the in z IB/USB, External Analog 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg ACCESSORIES User Manual(CD) x 1, P P-3 x 2, Flat washer x 2, M Small Screw Washer OPTIONAL ACCE PLR-CU CPIB/USB PLR-LU LAN/USB PLR-LU CANBER PLR-LU CANBER PL	letection esolution ion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sut ower Cable x 1, Rear Output Hexagon nut x 2), Output ; x 1, M3 Large Screw Wash SSORIES Interface Card nterface Card nterface Card Interface Card Interface Card Interface Card	0.99 139.5 (H) x 140(W) x 415.5 (D); Approx. 5.2kg oject to change without not at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Sma err x 2 GTL-246 USB Cable GTL-248 GPIB Cable GTL-231 GPIB-USB	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5 ice. PLR-SeriesGD11 t x 1(Hexagon head bol all Screw Washer x 1, (1.2m) (2.0m) HS (High-Speed)
PROTECTION FUNCTION PROTECTION FUNCTION POP POCP IVP NVIRONMENT CONDITION Deparation Temp. torage Temp. Operating Humidity EAD BACK TEMP. COEFFICE oltage urrent DTHER Ower Consumption ower Factor cooling Method ower Factor cooling Method ower Source tterface nalog Control Dimension & Weight DRDERING INFORM PLR 20-18 (0~20V/0~18A PLR 20-36 (0~20V/0~36A PLR 36-10 (0~36V/0~20A PLR 36-20 (0~36V/0~20A PLR 60-6 (0~60V/0~6A/	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 100pm/°C ± 100ppm/°C ± 100ppm/°C ± 100ppm/°C 570VA 0.99 Forced cooling : Fan sp Single-phase 100VAC Standard : RS-232C ; C Yes 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg IATION V/360W) Low Noise DC V/720W) Low Noise DC V/720W) Low Noise DC V/720W) Low Noise DC V/720W) Low Noise DC	Dut voltage exceeds the se F.S. Set resolution: 10 tim out current exceeds set OC F.S. Set resolution: 10 tim out voltage falls below the v condensation) w condensation) 1100VA 0.99 Deed proportionate to th to 240VAC, 50Hz to 60H Dptional : LAN/USB, GPI 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Power Supply Power Supply	t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in z B/USB, External Analog 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg ACCESSORIES User Manual(CD) x 1, P P-3 x 2, Flat washer x 2, M3 Small Screw Washer OPTIONAL ACCE PLR-CU CPIB/USB PLR-LU CN/USB I PLR-RC External Ar PLR-001 Series Con PLR-002 Series Con	letection esolution tion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sut ower Cable x 1, Rear Outpu Hexagon nut x 2), Output ; x 1, M3 Large Screw Wash SSORIES Interface Card nterface Card nterface Card nterface Card nection Signal Cable(2–3 un nection Signal Cable(2–3 un nection Signal Cable(2–3 un nection Signal Cable(2–3 un nection Signal Cable(2–3 un	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg ject to change without not at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Sma err x 2 GTL-246 USB Cable GTL-248 GTB Cable GTL-251 GPIB-USB.	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.51 ice. PLR-SeriesGD11 t x 1(Hexagon head bol all Screw Washer x 1, (1.2m) (2.0m) HS (High-Speed) able (0.5m)
PROTECTION FUNCTION PROTECTION FUNCTION PVP NVIRONMENT CONDITION Depration Temp. torage Temp. Deprating Humidity torage Humidity EAD BACK TEMP. COEFFICE oltage urrent DTHER ower Consumption ower Source treface nalog Control Dimension & Weight DRDERING INFORM ILR 20-18 (0~20V/0~18A ILR 20-36 (0~20V/0~10A ILR 36-10 (0~36V/0~20A ILR 36-20 (0~36V/0~20A ILR 60-6 (0~60V/0~12A	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 100pm/°C ± 100ppm/°C ± 100ppm/°C ± 100ppm/°C 570VA 0.99 Forced cooling : Fan sp Single-phase 100VAC Standard : RS-232C ; C Yes 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg IATION V/360W) Low Noise DC V/720W) Low Noise DC V/720W) Low Noise DC V/720W) Low Noise DC V/720W) Low Noise DC	Dut voltage exceeds the se         F.S. Set resolution: 10 tim         Dut current exceeds set OC         F.S. Set resolution: 10 tim         unit voltage falls below the         w condensation)         w condensation)         w condensation)         unit voltage falls below the         1100VA         0.99         Deed proportionate to the         ptional: LAN/USB, GPI         139.5 (H) x 210(W) x         415.5 (D); Approx. 7.5kg         Power Supply	t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in z B/USB, External Analog 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg ACCESSORIES User Manual(CD) x 1, P P-3 x 2, Flat washer x 2, M3 Small Screw Washer OPTIONAL ACCE PLR-CU CPIB/USB PLR-LU CN/USB I PLR-RC External Ar PLR-001 Series Con PLR-002 Series Con	letection esolution ion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sub ower Cable x 1, Rear Outpu Hexagon nut x 2), Output x 1, M3 Large Screw Wash SSORIES Interface Card nterface Card nterface Card nterface Card	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without not at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Smi ter x 2 GTL-246 USB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-249 GPIB-USB GBL-101 Modular G	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5 ice. PLR-SeriesGD18 t x 1(Hexagon head bol all Screw Washer x 1, (1.2m) (2.0m) HS (High-Speed) able (0.5m)
PROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity Storage Temp. Deparating Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage Temp. Deparating Humidity Storage Temp. Deparating Humidity Storage Temp. Deparating Humidity Storage Temp. Deparating Humidity Storage Temp. Deparation Storage Storage Temp. Deparation Storage Storage Temp. Deparation Storage Storage Temp. Deparation Storage Deparation Storage	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 100ppm/°C ± 100ppm/°C ± 100ppm/°C ± 100ppm/°C 570VA 0.99 Forced cooling : Fan sp Single-phase 100VAC ( Standard : RS-232C ; C Yes 139.5 (H) x 140(W) x 415.5 (D); Approx. 5.2kg IATION X/360W) Low Noise DC X/720W) Low Noise DC	Detection of the set o	t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in z IB/USB, External Analog 139.5 (H) x 140 (W) x 415.5(D); Approx. 5.2kg ACCESSORIES User Manual(CD) x 1, P P.3 x 2, Flat washer x 2, M Small Screw Washer OPTIONAL ACCE PLR-CU CPIB/USB PLR-UL LAN/USB PLR-CU CPIB/USB PLR-UC CPIB/USB PLR-OU Parallel Con PLR-002 Series Coni GRA-427 Rack Mour	letection esolution tion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sut ower Cable x 1, Rear Outpu Hexagon nut x 2), Output ; x 1, M3 Large Screw Wash SSORIES Interface Card nterface Card nterface Card nterface Card nection Signal Cable(2–3 un nection Signal Cable(2–3 un nection Signal Cable(2–3 un nection Signal Cable(2–3 un nection Signal Cable(2–3 un	0.99 139.5 (H) x 140(W) x 415.5 (D); Approx. 5.2kg oject to change without not at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Smi er x 2 GTL-246 USB Cable GTL-246 CJB Cable GTL-245 CJB Cable GTL-251 CJB CJB CBPL-USB CBPL-1101 Modular C GRJ-1102 Modular C	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5 ice. PLR-SeriesGD11 t x 1 (Hexagon head bol all Screw Washer x 1, (1.2m) (2.0m) HS (High-Speed) able (0.5m) able (1.5m)
PPROTECTION FUNCTION DVP DCP UVP ENVIRONMENT CONDITION Deration Temp. Storage Temp. Derating Humidity Storage Humidity Storage Humidity READ BACK TEMP. COEFFICE Voltage Current DTHER Power Consumption Power Factor Cooling Method Power Source	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (N	Development power Supply Power Supply Pow	t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in Z 139.5 (H) x 140 (W) x 415.5(D); Approx. 5.2kg <b>ACCESSORIES</b> User Manual(CD) x 1, P P.3 x 2, Flat washer x 2, M3 Small Screw Washer <b>OPTIONAL ACCE</b> <b>PLR-CU</b> CPIB/USB PLR-UL LAN/USB <b>PLR-DU</b> CPIB/USB PLR-00 Parallel Cor <b>PLR-00</b> Series Con GRA-427 Rack Mour <b>RICA CORP.</b> 5 F +1-909-399-0819 <b>NOLOGY CORPOR</b>	letection esolution ion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sub ower Cable x 1, Rear Output teragon nut x 2), Output ; x 1, M3 Large Screw Wash <b>SSORIES</b> Interface Card nterface Card nterface Card nection Signal Cable (2–3 un nection Signal Cable (2–3	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without noi at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Sma ter x 2 GTL-246 USB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-249 GPIB Cable GRJ-1101 Modular Ca GRJ-1102 Modular Ca	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5k ice. PLR-SeriesGD1E t x 1(Hexagon head bol all Screw Washer x 1, (1.2m) (2.0m) HS (High-Speed) able (0.5m)
PPROTECTION FUNCTION DVP DCP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Operating Humidity Storage Humidity READ BACK TEMP. COEFFICE Voltage Current DTHER Power Consumption Power Factor Cooling Method Power Source Interface Analog Control Dimension & Weight DRDERING INFORM PLR 20-18 (0~20V/0~18A PLR 20-36 (0~20V/0~18A PLR 20-36 (0~20V/0~36A PLR 36-10 (0~36V/0~10A PLR 36-20 (0~36V/0~20A PLR 60-6 (0~60V/0~12A Dimension & Fastor 200 Dimension & Fastor 200 Dimension & Fastor 200 Dimension & Weight DRDERING INFORM PLR 60-12 (0~60V/0~12A Dabal Headquarters DOD WILL INSTRUMENT	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp 0°C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (N	Development power Supply Power Supply Pow	t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in z IB/USB, External Analog 139.5 (H) x 140 (W) x 415.5(D); Approx. 5.2kg <b>ACCESSORIES</b> User Manual(CD) x 1, P P-3 x 2, Flat washer x 2, M Small Screw Washer <b>PLR-UU</b> LAN/USB PLR-UU CPIB/USB PLR-UU CPIB/USB PLR-007 Series Comp CRA-427 Rack Mour	letection esolution ion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sub ower Cable x 1, Rear Output teragon nut x 2), Output ; x 1, M3 Large Screw Wash <b>SSORIES</b> Interface Card nterface Card nterface Card nection Signal Cable (2–3 un nection Signal Cable (2–3	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without noi at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Sma ter x 2 GTL-246 USB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-249 GPIB Cable GRJ-1101 Modular Ca GRJ-1102 Modular Ca	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5 ice. PLR-SeriesGD18 t x 1 (Hexagon head bol all Screw Washer x 1, (1.2m) (2.0m) HS (High-Speed) able (0.5m) able (1.5m) <b>ISTEEK</b>
PROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity Storage Temp. Storage Temp. Deparating Humidity Storage Temp. Deparating Humidity Storage Temp. Deparating Humidity Storage Temp. Deparating Humidity Storage Temp. Deparating Humidity Storage Temp. Storage Te	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp O'C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 100pm/°C ± 100ppm/°C <b>EINT</b> ± 100ppm/°C ± 100ppm/°C           570VA 0.99           Forced cooling : Fan sp Single-phase 100VAC i Standard : RS-232C ; C Yes           139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg           IATION           X/360W) Low Noise DC           X/20W) Low Noise DC <tr< td=""><td>Development power Supply Power Supply Pow</td><td>t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in Z 139.5 (H) x 140 (W) x 415.5(D); Approx. 5.2kg <b>ACCESSORIES</b> User Manual(CD) x 1, P P.3 x 2, Flat washer x 2, M3 Small Screw Washer <b>OPTIONAL ACCE</b> <b>PLR-CU</b> CPIB/USB PLR-UL LAN/USB <b>PLR-DU</b> CPIB/USB PLR-00 Parallel Cor <b>PLR-00</b> Series Con GRA-427 Rack Mour <b>RICA CORP.</b> 5 F +1-909-399-0819 <b>NOLOGY CORPOR</b></td><td>letection esolution ion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sub ower Cable x 1, Rear Outpu Hexagon nut x 2), Output, x 1, M3 Large Screw Wash <b>SSORIES</b> Interface Card nterface Card nterface Card nection Signal Cable (2–3 un nection Signal Cable (2–3 u</td><td>0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without noi at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Sma ter x 2 GTL-246 USB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-249 GPIB Cable GRJ-1101 Modular Ca GRJ-1102 Modular Ca</td><td>0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5 ice. PLR-SeriesGD18 t x 1 (Hexagon head bol all Screw Washer x 1, (1.2m) (2.0m) HS (High-Speed) able (0.5m) able (1.5m) <b>ISTEEK</b></td></tr<>	Development power Supply Power Supply Pow	t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in Z 139.5 (H) x 140 (W) x 415.5(D); Approx. 5.2kg <b>ACCESSORIES</b> User Manual(CD) x 1, P P.3 x 2, Flat washer x 2, M3 Small Screw Washer <b>OPTIONAL ACCE</b> <b>PLR-CU</b> CPIB/USB PLR-UL LAN/USB <b>PLR-DU</b> CPIB/USB PLR-00 Parallel Cor <b>PLR-00</b> Series Con GRA-427 Rack Mour <b>RICA CORP.</b> 5 F +1-909-399-0819 <b>NOLOGY CORPOR</b>	letection esolution ion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sub ower Cable x 1, Rear Outpu Hexagon nut x 2), Output, x 1, M3 Large Screw Wash <b>SSORIES</b> Interface Card nterface Card nterface Card nection Signal Cable (2–3 un nection Signal Cable (2–3 u	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without noi at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Sma ter x 2 GTL-246 USB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-249 GPIB Cable GRJ-1101 Modular Ca GRJ-1102 Modular Ca	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5 ice. PLR-SeriesGD18 t x 1 (Hexagon head bol all Screw Washer x 1, (1.2m) (2.0m) HS (High-Speed) able (0.5m) able (1.5m) <b>ISTEEK</b>
PROTECTION FUNCTION DVP DCP JVP ENVIRONMENT CONDITION Deparation Temp. Storage Temp. Deparating Humidity Storage Humidity Sto	Set range : 10% to 110% Activated when the outp Set range : 5% to 110% Activated when the outp Set range : -1V to 110% Activated when the outp O'C ~ 40°C - 20°C ~ 60°C 30% ~ 85% RH (No de 20% ~ 85% RH (No de 20% ~ 85% RH (No de 100pm/°C ± 100ppm/°C <b>EINT</b> ± 100ppm/°C ± 100ppm/°C           570VA 0.99           Forced cooling : Fan sp Single-phase 100VAC i Standard : RS-232C ; C Yes           139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg           IATION           V/360W) Low Noise DC V/720W) Low Noise DC           X/360W) Low Noise DC V/720W) Low Noise DC V/720W) Low Noise DC           X/360W) Low Noise DC V/720W) Low Noise DC           X/360W) Low Noise DC           X/720W) Low Noise DC	Detection of the set o	t OVP value : Hardware c tes of minimum display r CP value : Software detect tes the minimum display set UVP value : Software 520VA 0.99 te temperature of the in Z 139.5 (H) x 140 (W) x 415.5(D); Approx. 5.2kg <b>ACCESSORIES</b> User Manual(CD) x 1, P P.3 x 2, Flat washer x 2, M3 Small Screw Washer <b>OPTIONAL ACCE</b> <b>PLR-CU</b> CPIB/USB PLR-UL LAN/USB <b>PLR-DU</b> CPIB/USB PLR-00 Parallel Cor <b>PLR-00</b> Series Con GRA-427 Rack Mour <b>RICA CORP.</b> 5 F +1-909-399-0819 <b>NOLOGY CORPOR</b>	fetection esolution ion resolution detection 1050VA 0.99 ternal heat sink g Control 139.5 (H) x 210(W) x 415.5(D); Approx. 7.5kg Specifications sut ower Cable x 1, Rear Outpu Hexagon nut x 2), Output ; x 1, M3 Large Screw Wash <b>SSORIES</b> Interface Card nterface Card	0.99 139.5 (H) x 140(W) x 415.5(D); Approx. 5.2kg oject to change without noi at Terminal Cover x 1, Bolt se grounding cable x 1, M4 Sma ter x 2 GTL-246 USB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-248 GPIB Cable GTL-249 GPIB Cable GRJ-1101 Modular Ca GRJ-1102 Modular Ca	0.99 139.5 (H) x 210(W) 415.5(D); Approx. 7.5k ice. PLR-SeriesGD1F t x 1 (Hexagon head bol all Screw Washer x 1, (1.2m) (2.0m) HS (High-Speed) able (0.5m) able (1.5m) <b>ISTEEK</b>