

## 規 格

MODEL	3341G		3342G		3343G		3345G	
Power	300W		300W		300W		150W	
Current	0 ~ 6A    0 ~ 24A		0 ~ 3A    0 ~ 12A		0 ~ 6A    0 ~ 24A		0 ~ 1.2A    0 ~ 4A	
Voltage	0 ~ 300V		0 ~ 600V		0 ~ 600V		0 ~ 120V	
Min. Operating Voltage	3V@24A		6V@12A		6V@24A		3V@4A	
<b>Constant Current Mode</b>								
Range*1	0 ~ 6A    0 ~ 24A		0 ~ 3A    0 ~ 12A		0 ~ 6A    0 ~ 24A		0 ~ 1.2A    0 ~ 4A	
Resolution	0.1mA    0.4mA		0.05mA    0.2mA		0.1mA    0.4mA		0.02mA    0.08mA	
Accuracy	± 0.1% OF (SETTING + RANGE)							
<b>Constant Resistance Mode</b>								
Range	CRL:0.125Ω-1.5KΩ (150V)	CRH:0.25Ω-3KΩ (300V)	CRL:0.5Ω-1.5KΩ (300V)	CRH:1Ω-3KΩ (600V)	CRL:0.25Ω-3KΩ (300V)	CRH:0.5Ω-6KΩ (600V)	CRL:0.75Ω-750Ω (60V)	CRH:1.5Ω-1.5KΩ (120V)
Resolution	133.333μS    66.666μS		33.333μS    16.666μS		66.666μS    33.333μS		66.666μS    33.333μS	
Accuracy	± 0.2% OF (SETTING + RANGE)							
<b>Constant Voltage Mode</b>								
Range	30V / 150V / 300V		60V / 300V / 600V		60V / 300V / 600V		30V / 60V / 120V	
Resolution	0.0005V / 0.0025V / 0.005V		0.001V / 0.005V / 0.01V		0.001V / 0.005V / 0.01V		0.0005V / 0.001V / 0.002V	
Accuracy	± 0.05% OF (SETTING + RANGE)							
<b>Constant Power Mode</b>								
Range	0 ~ 300W		0 ~ 300W		0 ~ 300W		0 ~ 150W	
Resolution	0.005W		0.005W		0.005W		0.0025W	
Accuracy	± 0.5% OF (SETTING + RANGE)							
<b>LED Mode</b>								
Vo Voltage Range	LEDL:30V/LEDM:150V/LEDH:300V		LEDL:60V/LEDM:300V/LEDH:600V		LEDL:60V/LEDM:300V/LEDH:600V		LEDL:30V/LEDM:60V/LEDH:120V	
Rd Resistance Range	LEDL : 0.125~125KΩ@Vo-Vd=0~3V LEDL : 1.25~1.25KΩ@Vo-Vd=3~30V LEDM : 0.625~625KΩ@Vo-Vd=0~15V LEDM : 6.25~6.25KΩ@Vo-Vd=15~150V LEDH : 1.25~1.25KΩ@Vo-Vd=0~30V LEDH : 12.5~12.5KΩ@Vo-Vd=30~300V		LEDL : 0.5~100KΩ@Vo-Vd=0~6V LEDL : 5~1KΩ@Vo-Vd=6~60V LEDM : 2.5~500KΩ@Vo-Vd=0~30V LEDM : 25~5KΩ@Vo-Vd=30~300V LEDH : 5~1KΩ@Vo-Vd=0~60V LEDH : 50~10KΩ@Vo-Vd=60~600V		LEDL : 0.25~125KΩ@Vo-Vd=0~6V LEDL : 2.5~1.25KΩ@Vo-Vd=6~60V LEDM : 1.25~625KΩ@Vo-Vd=0~30V LEDM : 12.5~6.25KΩ@Vo-Vd=30~300V LEDH : 2.5~1.25KΩ@Vo-Vd=0~60V LEDH : 25~12.5KΩ@Vo-Vd=60~600V		LEDL : 0.625~0.75KΩ@Vo-Vd=0~3V LEDL : 6.25~7.5KΩ@Vo-Vd=3~30V LEDM : 1.25~1.5KΩ@Vo-Vd=0~6V LEDM : 12.5~15KΩ@Vo-Vd=6~60V LEDH : 2.5~3KΩ@Vo-Vd=0~12V LEDH : 25~30KΩ@Vo-Vd=12~120V	
Resolution	16Bits							
Accuracy	Vd : ± (0.05% OF SETTING + 0.1% OF RANGE), Rd : ± (0.05% OF SETTING + 0.1% OF RANGE)							
<b>Dynamic Mode</b>								
<b>Timing</b>								
THIGH & TLOW	0.050 ~ 9.999 / 99.99 / 999.9 / 9999mS							
Resolution	0.001 / 0.01 / 0.1 / 1mS							
Accuracy	1μS / 10μS / 100μS / 1mS + 50ppm							
Slew Rate	4.8~300mA/μS	19.2~1200mA/μS	2.4~150mA/μS	9.6~600mA/μS	4.8~300mA/μS	19.2~1200mA/μS	0.96~60mA/μS	3.84~240mA/μS
Resolution	1.2mA/μS	4.8mA/μS	0.6mA/μS	2.4mA/μS	1.2mA/μS	4.8mA/μS	0.24mA/μS	0.96mA/μS
Accuracy	± ( 5%OF SETTING ) ±10μS							
Min. Rise Time	20μS (Typical)							
<b>Current</b>								
Range	0 ~ 6A    0 ~ 24A		0 ~ 3A    0 ~ 12A		0 ~ 6A    0 ~ 24A		0 ~ 1.2A    0 ~ 4A	
Resolution	0.1mA    0.4mA		0.05mA    0.2mA		0.1mA    0.4mA		0.02mA    0.08mA	
Accuracy	± 0.1% OF (SETTING + RANGE)							
<b>Measurement</b>								
<b>Voltage Read Back</b>								
Range	30V / 150V / 300V		60V / 300V / 600V		60V / 300V / 600V		30V / 60V / 120V	
Resolution	0.5mV / 2.5mV / 5mV		1mV / 5mV / 10mV		1mV / 5mV / 10mV		0.5mV / 1mV / 2mV	
Accuracy	± 0.025% OF (READING + RANGE)							
<b>Current Read Back</b>								
Range	6A	24A	3A	12A	6A	24A	1.2A	4A
Resolution	0.1mA	0.4mA	0.05mA	0.2mA	0.1mA	0.4mA	0.02mA	0.08mA
Accuracy	± 0.1% OF (READING + RANGE)							
<b>Power Read Back</b>								
Range	300W		300W		300W		150W	
Accuracy	± 0.1% OF (READING + RANGE)							
<b>General</b>								
Imonitor	2.4A/V		1.2A/V		2.4A/V		0.4A/V	
Accuracy	± 0.5% OF (READING + RANGE)							
Short Signal Output	12V/100 mAmax							
<b>Dimming Control</b>								
Level Range	0 ~ 12V							
Resolution	0.048V							
Accuracy	1% of (SETTING + RANGE)							
Frequency Range	DC ~ 1KHz						DC ~ 10KHz	
Resolution	10Hz						100Hz	
Duty Range	0.01 ~ 0.99 (1%~99%)						0.1 ~ 0.9 (10%~90%)	
Resolution	0.01						0.1	
Temperature Coefficient	100ppm/°C(typical)							
Power	Supply from mainframe							
Operating Temperature*2	0 ~ 40°C							
Dimension(HxWxD)	143x108x405mm							
Weight	3.5kg							
Safety & EMC	CE							

輸入電源：115/230 Vac ±10%，50/60Hz  
冷卻方式：智慧型風扇冷卻

註 \*1：CC Mode 可強制於 range II  
註 \*2：操作溫度範圍為 0~40°C，此規格表內之精確度僅適用於 25°C±5°C

## 訂 購 方 式

### LED 直流電子負載模組

- ▶ 3341G 300V，24A，300W
- ▶ 3342G 600V，12A，300W
- ▶ 3343G 600V，24A，300W
- ▶ 3345G 120V，4A，150W

選購電壓：600V  
負載模組  
3.5kg  
W=108mm / H=143mm / D=405mm

### 電子負載機框：

選購介面：① GPIB Card    ② RS232 Card    ③ USB Card    ④ LAN Card

<b>3302G (單組框)</b>  5.5kg W=160mm H=177mm D=452mm	<b>3305G (雙組框)</b>  7.5kg W=269mm H=177mm D=452mm	<b>3300G (四組框)</b>  9.3kg W=440mm H=177mm D=445mm	選購配備： 短路專用治具板 
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## 規 格

MODEL	33401G		33402G	
Power	150W x 2		75W x 2	
Current	0 ~ 1.5A	0 ~ 6A	0 ~ 0.6A	0 ~ 2A
Voltage	0 ~ 600V		0 ~ 120V	
Min. Operating Voltage	4V @ 6A		3V @ 2A	
<b>Constant Current Mode</b>				
Range <sup>*1</sup>	0 ~ 1.5A	0 ~ 6A	0 ~ 0.6A	0 ~ 2A
Resolution	0.025mA	0.1mA	0.01mA	0.04mA
Accuracy	± 0.1% OF (SETTING + RANGE)			
<b>Constant Resistance Mode</b>				
Range	CRL:1Ω~3KΩ (300V)	CRH:2Ω~6KΩ (600V)	CRL:1.5Ω~1.5KΩ (60V)	CRH:3Ω~3KΩ (120V)
Resolution	16.666μS	8.333μS	33.33μS	16.66μS
Accuracy	± 0.2% OF (SETTING + RANGE)			
<b>Constant Voltage Mode</b>				
Range	60V / 300V / 600V		30V / 60V / 120V	
Resolution	0.001V / 0.005V / 0.01V		0.0005V / 0.001V / 0.002V	
Accuracy	± 0.05% OF (SETTING + RANGE)			
<b>LED Mode</b>				
Vo Voltage Range	LEDL : 60V / LEDM : 300V / LEDH : 600V		LEDL : 30V / LEDM : 60V / LEDH : 120V	
Rd Resistance Range	LEDL : 1 ~ 200Ω @ Vo-Vd = 0~6V LEDL : 10 ~ 2KΩ @ Vo-Vd = 6~60V LEDM : 5 ~ 1KΩ @ Vo-Vd = 0~30V LEDM : 50 ~ 10KΩ @ Vo-Vd = 30~300V LEDH : 10 ~ 2KΩ @ Vo-Vd = 0~60V LEDH : 100 ~ 20KΩ @ Vo-Vd = 60~600V		LEDL : 1.25 ~ 1.5KΩ @ Vo-Vd = 0~3V LEDL : 12.5 ~ 15KΩ @ Vo-Vd = 3~30V LEDM : 2.5 ~ 3KΩ @ Vo-Vd = 0~6V LEDM : 25 ~ 30KΩ @ Vo-Vd = 6~60V LEDH : 5 ~ 6KΩ @ Vo-Vd = 0~12V LEDH : 50 ~ 60KΩ @ Vo-Vd = 12~120V	
Resolution	16Bits			
Accuracy	Vd : ± (0.05% OF SETTING + 0.1% OF RANGE), Rd : ± (0.05% OF SETTING + 0.1% OF RANGE)			
<b>Measurement</b>				
<b>Voltage Read Back</b>				
Range	60V / 300V / 600V		30V / 60V / 120V	
Resolution	1mV / 5mV / 10mV		0.5mV / 1mV / 2mV	
Accuracy	± 0.025% OF (READING + RANGE)			
<b>Current Read Back</b>				
Range	1.5A	6A	0.6A	2A
Resolution	0.025mA	0.1mA	0.01mA	0.04mA
Accuracy	± 0.1% OF (READING + RANGE)			
<b>Power Read Back</b>				
Range	150W		75W	
Accuracy	± 0.1% OF (READING + RANGE)			
<b>General</b>				
Short Signal Output	12V/100 mAmax			
<b>Dimming Control</b>				
Level Range	0 ~ 12V			
Resolution	0.048V			
Accuracy	1% of (SETTING + RANGE)			
Frequency Range	DC ~ 1KHz		DC ~ 10KHz	
Resolution	10Hz		100Hz	
Duty Range	0.01 ~ 0.99 (1%~99%)		0.1 ~ 0.9 (10%~90%)	
Resolution	0.01		0.1	
Temperature Coefficient	100ppm/°C (typical)			
Power	Supply from mainframe			
Operating Temperature <sup>*2</sup>	0 ~ 40°C			
Dimension(HxWxD)	143x108x405mm			
Weight	3.5kg			
Safety & EMC	CE			

輸入電源：115/230 Vac ±10%，50/60Hz

冷卻方式：智慧型風扇冷卻

註 \*1：CC Mode 可強制於 range II

註 \*2：操作溫度範圍為 0~40°C，此規格表內之精確度僅適用於 25°C±5°C

## 訂 購 方 式

### LED 直流電子負載模組

33401G 600V，6A，150Wx2

33402G 120V，2A，75Wx2



負載模組  
3.5kg  
W=108mm  
H=143mm  
D=405mm

### 電子負載機框：

選購介面：① GPIB Card ② RS232 Card ③ USB Card ④ LAN Card

選購配備：

短路專用工具板

#### 3302G (單組框)



5.5kg  
W=160mm  
H=177mm  
D=452mm

#### 3305G (雙組框)



7.5kg  
W=269mm  
H=177mm  
D=452mm

#### 3300G (四組框)



9.3kg  
W=440mm  
H=177mm  
D=445mm

33401G / 33402G

