

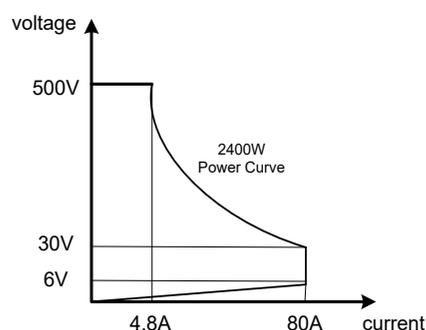
## SPECIFICATIONS

<b>Model</b>	<b>33611F</b>
Power	2400W
Current	0~80A
Voltage	0~500V
Min. Operating Voltage	6V @ 80A
<b>Constant Current Mode</b>	
Range <sup>1</sup>	0~8.04A/80.4A
Resolution	0.134mA/1.34mA
Accuracy	± 0.1% OF (Setting + Range)
<b>Constant Resistance Mode</b>	
Range	0.125~7.5~450KΩ
Resolution	0.125mΩ/0.0022mS
Accuracy	± 0.2% OF (Setting + Range)
<b>Constant Voltage Mode</b>	
Range	60V/500V
Resolution	1mV/10mV
Accuracy	± 0.05% OF (Setting + Range)
<b>Constant Power Mode</b>	
Range	0~240W/2400W
Resolution	4mW/40mW
Accuracy	± 0.5% OF (Setting + Range)
<b>Dynamic Mode -CC</b>	
<b>Timing</b>	
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999mS
Resolution	0.001 / 0.01 / 0.1 / 1mS
Accuracy	1uS/10uS/100uS/1mS + 50ppm
Slew rate	6.4mA~400mA/uS 64mA~4000mA/uS
Resolution	0.4/4mA/uS
Accuracy	(5% of setting) ± 10 uS
Min. Rise Time	20uS(typical)
<b>Current</b>	
Range	0~8.04/80.4A
Resolution	0.134mA/1.34mA
Accuracy	± 0.1% OF (Setting + Range)
<b>Measurement</b>	
<b>Voltage Read Back</b>	
Range (5 Digital)	0~60V/600V
Resolution	0.001V/0.01V
Accuracy	± 0.025% OF (Reading + Range)
<b>Current Read Back</b>	
Range (5 Digital)	0~8.04A/80.4A
Resolution	0.134mA/1.34mA
Accuracy	± 0.1% OF (Reading + Range)
<b>Power Read Back</b>	
Range (5 Digital)	0~240W/2400W
Resolution	0.1W
Accuracy	± 0.125% OF (Reading + Range)
<b>Program mode(Mainframe)</b>	
Sequence No.	F1~9/16 Steps
T1/T2 (Dwell)	0.1S~9.9S/Repeat 9999
Load Setting(External Programming)	0~10V for CC mode F.S.
GO/NG Check	Voltage/Current/Power
<b>Protections</b>	
Over Power	105% of Rated Power
Over Current	105% of Rated Current
Over Voltage	105% of Rated Voltage
Over Temp.	Yes
<b>Interface(Mainframe)</b>	
RS-232	Optional
GPIB	Optional
USB	Optional
Ethernet	Optional
RS-232 + GPIB	Optional
<b>Others</b>	
<b>Load ON Voltage</b>	
Range	0.4~100.0V
Resolution	0.4V
Accuracy	1% of Setting + 2.5V
<b>Load OFF Voltage</b>	
Range	0~100V
Resolution	Same as Voltage Meter
Accuracy	Same as Voltage Meter
<b>General</b>	
<b>Short Circuit</b>	
Current	80A
<b>Temperature Coefficient</b>	100ppm/°C(typical)
<b>Power</b>	100Wmax
<b>Operating Temperature<sup>2</sup></b>	0~40°C
<b>Dimension(HxWxD)</b>	354 x 440 x 445 mm/13.94x17.3x17.5 inch
<b>Weight<sup>3</sup></b>	38.8 Kg/85.54 lbs
<b>Safety &amp; EMC</b>	CE

Note <sup>1</sup> : The range is automatically or forcing to range II only in CC mode

Note <sup>2</sup> : Operating temperature range is 0~40°C, All specifications apply for 25°C±5°C

Note <sup>3</sup> :The weight is witoout rack



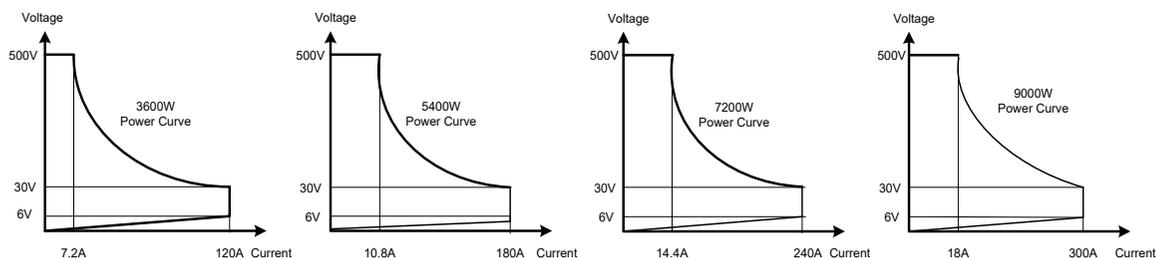
All specifications are subject to change without notice.

# SPECIFICATIONS

Model	33621F	33622F	33623F	33624F
Power	3600W	5400W	7200W	9000W
Current	0~120A	0~180A	0~240A	0~300A
Voltage	0~500V	0~500V	0~500V	0~500V
Min. Operating Voltage	6V @ 120A	6V @ 180A	6V @ 240A	6V @ 300A
<b>Constant Current Mode</b>				
Range <sup>1</sup>	0~12A/120A	0~18A/180A	0~24A/240A	0~30A/300A
Resolution	0.2mA/2mA	0.3mA/3mA	0.4mA/4mA	0.5mA/5mA
Accuracy	± 0.1% OF (Setting + Range)			
<b>Constant Resistance Mode</b>				
Range	0.0833~5~300KΩ	0.0555~3.3330~200KΩ	0.0416~2.5~150KΩ	0.0333~2~120KΩ
Resolution	0.0833mΩ/3.3333uS	0.0555mΩ/5uS	0.0416mΩ/6.6666uS	0.0333mΩ/8.3333uS
Accuracy	± 0.2% OF (Setting + Range)			
<b>Constant Voltage Mode</b>				
Range	60V/500V			
Resolution	1mV/10mV	1mV/10mV	1mV/10mV	1mV/10mV
Accuracy	± 0.05% OF (Setting + Range)			
<b>Constant Power Mode</b>				
Range	0~360W/3600W	0~540W/5400W	0~720W/7200W	0~900W/9000W
Resolution	6mW/60mW	9mW/90mW	12mW/120mW	15mW/150mW
Accuracy	± 0.5% OF (Setting + Range)			
<b>Dynamic Mode -CC</b>				
<b>Timing</b>				
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms			
Resolution	0.001 / 0.01 / 0.1 / 1mS			
Accuracy	1uS/10uS/100uS/1mS + 50ppm			
Slew rate	9.6mA~600mA/uS	14.4mA~900mA/uS	0.0192A~1.2A/uS	0.024A~1.5A/uS
	96mA~6000mA/uS	144mA~9000mA/uS	0.192A~12A/uS	0.24A~15A/uS
Resolution	2.4/24mA/uS	3.6/36mA/uS	0.0048/0.048A/uS	0.006/0.06A/uS
Accuracy	(5% of setting) ± 10 uS			
Min. Rise Time	20uS(typical)			
<b>Current</b>				
Range	0~12/120A	0~18/180A	0~24/240A	0~30A/300A
Resolution	0.2mA/2mA	0.3mA/3mA	0.4mA/4mA	0.5mA/5mA
Accuracy	0.1% + 0.1% F.S.			
<b>Measurement</b>				
<b>Voltage Read Back</b>				
Range (5 Digital)	0~60V/600V			
Resolution	0.001V/0.01V			
Accuracy	± 0.025% OF (Reading + Range)			
<b>Current Read Back</b>				
Range (5 Digital)	0~12A/120A	0~18A/180A	0~24A/240A	0~30A/300A
Resolution	0.2mA/2mA	0.3mA/3mA	0.4mA/4mA	0.5mA/5mA
Accuracy	± 0.1% OF (Reading + Range)			
<b>Power Read Back</b>				
Range (5 Digital)	0~360W/3600W	0~540W/5400W	0~720W/7200W	0~900W/9000W
Resolution	0.1W			
Accuracy	± 0.125% OF (Reading + Range)			
<b>Program mode(Mainframe)</b>				
Sequence No.	F1~9/16 Steps			
T1/T2 (Dwell)	0.1S~9.9S/Repeat 9999			
Load Setting(External Programmin)	0~10V for CC mode F.S.			
GO/NG Check	Voltage/Current/Power			
<b>Protections</b>				
Over Power	105% of Rated Power			
Over Current	105% of Rated Current			
Over Voltage	105% of Rated Voltage			
Over Temp.	Yes			
<b>Interface(Mainframe)</b>				
RS-232	Optional			
GPIB	Optional			
USB	Optional			
Ethernet	Optional			
RS-232 + GPIB	Optional			
<b>Others</b>				
<b>Load ON Voltage</b>				
Range	0.4~100.0V			
Resolution	0.4V			
Accuracy	1% of Setting + 2.5V			
<b>Load OFF Voltage</b>				
Range	0~100V			
Resolution	Same as Voltage Meter			
Accuracy	Same as Voltage Meter			
<b>General</b>				
<b>Short Circuit</b>				
Current	120A	180A	240A	300A
<b>Temperature Coefficient</b>				
	100ppm/°C(typical)			
<b>Power</b>				
	200Wmax	300Wmax	400Wmax	500Wmax
<b>Operating Temperature <sup>2</sup></b>				
	0~40°C			
<b>Dimension(HxWxD)</b>	x 440 x 445 mm/13.94x17.3x17.5	x 440 x 445 mm/20.91x17.3x17.5	x 440 x 445 mm/27.88x17.3x17.5	x 440 x 445 mm/34.85x17.3x17.5 inch
<b>Weight</b>	47.2 kg / 104.06 lbs	78.9 Kg / 173.95 lbs	94.4 kg / 208.12 lbs	118 Kg / 260.15 lbs
<b>Safety &amp; EMC</b>				
	CE			

Note <sup>1</sup> : The range is automatically or forcing to range II only in CC mode

Note <sup>2</sup> : Operating temperature range is 0~40°C, All specifications apply for 25°C±5°C



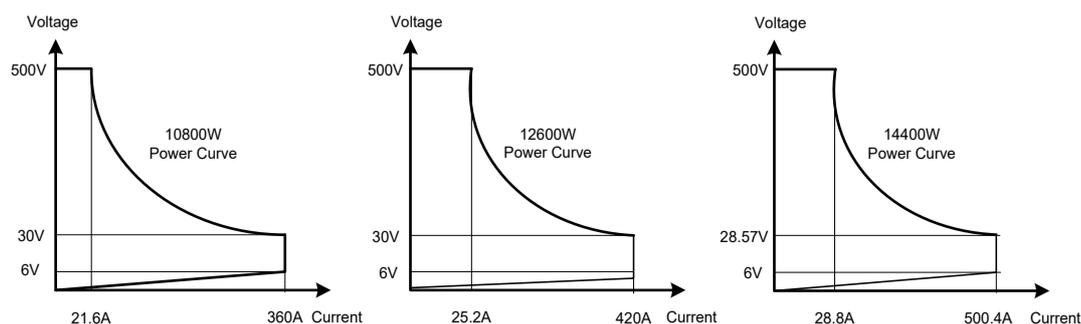
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## SPECIFICATIONS

Model	33625F	33626F	33627F
Power	10800W	12600W	14400W
Current	0~360A	0~420A	0~500A
Voltage	0~500V	0~500V	0~500V
Min. Operating Voltage	6V @ 360A	6V @ 420A	6V @ 500A
<b>Constant Current Mode</b>			
Range <sup>*1</sup>	0~36A/360A	0~42A/420A	0~50.04A/500.4A
Resolution	0.6mA/6mA	0.7mA/7mA	0.834mA/8.34mA
Accuracy	± 0.1% OF (Setting + Range)		
<b>Constant Resistance Mode</b>			
Range	0.0277~1.6670~100KΩ	0.0238~1.4290~85.71KΩ	0.02~1.2~72KΩ
Resolution	0.0277mΩ/0.01mS	0.0238mΩ/0.0116mS	0.02mΩ/0.0138mS
Accuracy	± 0.2% OF (Setting + Range)		
<b>Constant Voltage Mode</b>			
Range	60V/500V		
Resolution	1mV/10mV	1mV/10mV	1mV/10mV
Accuracy	± 0.05% OF (Setting + Range)		
<b>Constant Power Mode</b>			
Range	0~1080W/10800W	0~1260W/12600W	0~1440W/14400W
Resolution	18mW/180mW	21mW/210mW	24mW/240mW
Accuracy	± 0.5% OF (Setting + Range)		
<b>Dynamic Mode -CC</b>			
<b>Timing</b>			
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999mS		
Resolution	0.001 / 0.01 / 0.1 / 1mS		
Accuracy	1uS/10uS/100uS/1mS + 50ppm		
Slew rate	0.0288A~1.8A/uS 0.288A~18A/uS	0.0336A~2.1A/uS 0.336A~21A/uS	0.04A~2.5A/uS 0.4A~25A/uS
Resolution	0.0072/0.072A/uS	0.0084/0.084A/uS	0.01/0.1A/uS
Accuracy	(5% of setting) ± 10 uS		
Min. Rise Time	20uS(typical)		
<b>Current</b>			
Range <sup>*2</sup>	0~36A/360A	0~42A/420A	0~50.04A/500.4A
Resolution	0.6mA/6mA	0.7mA/7mA	0.834mA/8.34mA
Accuracy	± 0.1% OF (Setting + Range)		
<b>Measurement</b>			
<b>Voltage Read Back</b>			
Range (5 Digital)	0~60V/600V		
Resolution	0.001V/0.01V		
Accuracy	± 0.025% OF (Reading + Range)		
<b>Current Read Back</b>			
Range (5 Digital)	0~36A/360A	0~42A/420A	0~50.04A/500.4A
Resolution	0.6mA/6mA	0.7mA/7mA	0.834mA/8.34mA
Accuracy	± 0.1% OF (Reading + Range)		
<b>Power Read Back</b>			
Range (5 Digital)	0~1080W/10800W	0~1260W/12600W	0~1440W/14400W
Resolution	0.1W		
Accuracy	± 0.125% OF (Reading + Range)		
<b>Program mode(Mainframe)</b>			
Sequence No.	F1~9/16 Steps		
T1/T2 (Dwell)	0.1S~9.9S/Repeat 9999		
Load Setting(External Programming)	0~10V for CC mode F.S.		
GO/NG Check	Voltage/Current/Power		
<b>Protections</b>			
Over Power	105% of Rated Power		
Over Current	105% of Rated Current		
Over Voltage	105% of Rated Voltage		
Over Temp.	Yes		
<b>Interface(Mainframe)</b>			
RS-232	Optional		
GPIB	Optional		
USB	Optional		
Ethernet	Optional		
RS232 + GPIB	Optional		
<b>Others</b>			
<b>Load ON Voltage</b>			
Range	0.4~100.0V		
Resolution	0.4V		
Accuracy	1% of Setting + 2.5V		
<b>Load OFF Voltage</b>			
Range	0~100V		
Resolution	Same as Voltage Meter		
Accuracy	Same as Voltage Meter		
<b>General</b>			
<b>Short Circuit</b>			
Current	360A	420A	500.4A
<b>Temperature Coefficient</b>			
	100ppm/°C(typical)		
Power	600Wmax	700Wmax	800Wmax
<b>Operating Temperature<sup>*2</sup></b>			
	0~40°C		
Dimension(HxWxD)	1062 x 440 x 445 mm/41.82x17.3x17.5 inch	1239 x 440 x 445 mm/48.79x17.3x17.5 inch	1416 x 440 x 445 mm/55.76x17.3x17.5 inch
Weight	141.6 kg / 312.18 lbs	165.2 kg / 364.21 lbs	188.8 kg / 416.24 lbs
<b>Safety &amp; EMC</b>			
	CE		

Note<sup>\*1</sup> : The range is automatically or forcing to range II only in CC mode

Note<sup>\*2</sup> : Operating temperature range is 0~40°C, All specifications apply for 25°C±5°C



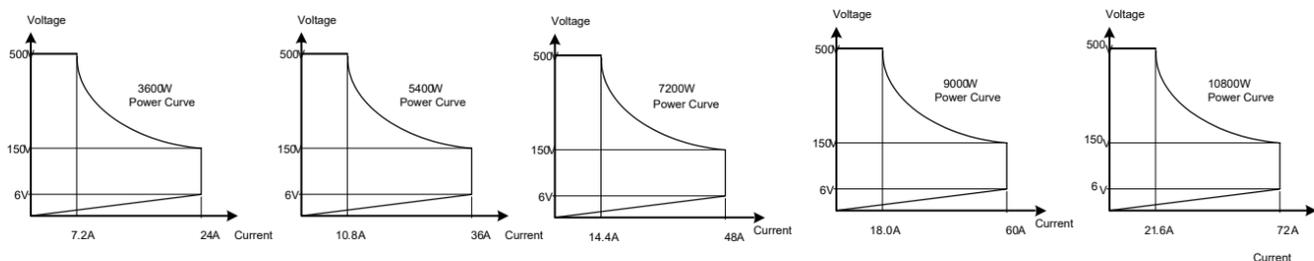
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# SPECIFICATIONS

Model	33671F	33672F	33673F	33674F	33675F
Power	3600W	5400W	7200W	9000W	10800W
Current	0~24A	0~36A	0~48A	0~60A	0~72A
Voltage	0~500V	0~500V	0~500V	0~500V	0~500V
Min. Operating Voltage	6V @ 24A	6V @ 36A	6V @ 48A	6V @ 60A	6V @ 72A
<b>Constant Current Mode</b>					
Range <sup>1</sup>	0~2.4A/24A	0~3.6A/36A	0~4.8A/48A	0~6A/60A	0~7.2A/72A
Resolution	0.04mA/0.4mA	0.06mA/0.6mA	0.08mA/0.8mA	0.1mA/1mA	0.12mA/1.2mA
Accuracy	± 0.1% OF (Setting + Range)				
<b>Constant Resistance Mode</b>					
Range	0.4166~25~1500KΩ	0.2777~16.667~1000KΩ	0.2083~12.5~750KΩ	0.1666~10~600KΩ	0.1388~8.3330~500KΩ
Resolution	0.4166mΩ/0.6666uS	0.2777mΩ/1uS	0.2083mΩ/1.3333uS	0.1666mΩ/1.6666uS	0.1388mΩ/2uS
Accuracy	± 0.2% OF (Setting + Range)				
<b>Constant Voltage Mode</b>					
Range	60V/500V				
Resolution	1mV/10mV	1mV/10mV	1mV/10mV	1mV/10mV	1mV/10mV
Accuracy	± 0.05% OF (Setting + Range)				
<b>Constant Power Mode</b>					
Range	0~360W/3600W	0~540W/5400W	0~720W/7200W	0~900W/9000W	0~1080W/10800W
Resolution	6mW/60mW	9mW/90mW	12mW/120mW	15mW/150mW	18mW/180mW
Accuracy	± 0.5% OF (Setting + Range)				
<b>Dynamic Mode -CC</b>					
<b>Timing</b>					
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999mS				
Resolution	0.001 / 0.01 / 0.1 / 1mS				
Accuracy	1uS/10uS/100uS/1mS + 50ppm				
Slew rate	1.92mA~120mA/uS 19.2mA~1200mA/uS	2.88mA~180mA/uS 28.8mA~1800mA/uS	3.84mA~240mA/uS 38.4mA~2400mA/uS	4.8mA~300mA/uS 48mA~3000mA/uS	5.76mA~360mA/uS 57.6mA~3600mA/uS
Resolution	0.48/4.8mA/uS	0.72/7.2mA/uS	9.6/96mA/uS	1.2/12mA/uS	1.44/14.4mA/uS
Accuracy	(5% of setting) ± 10 uS				
Min. Rise Time	20uS(typical)				
<b>Accuracy</b>					
Range <sup>2</sup>	0~2.4A/24A	0~3.6A/36A	0~4.8A/48A	0~6A/60A	0~7.2A/72A
Resolution	0.04mA/0.4mA	0.06mA/0.6mA	0.08mA/0.8mA	0.1mA/1mA	0.12mA/1.2mA
Accuracy	± 0.1% OF (Setting + Range)				
<b>Measurement</b>					
<b>Voltage Read Back</b>					
Range (5 Digital)	0~60V/600V				
Resolution	0.001V/0.01V				
Accuracy	± 0.025% OF (Reading + Range)				
<b>Current Read Back</b>					
Range (5 Digital)	0~2.4A/24A	0~3.6A/36A	0~4.8A/48A	0~6A/60A	0~7.2A/72A
Resolution	0.04mA/0.4mA	0.06mA/0.6mA	0.08mA/0.8mA	0.1mA/1mA	0.12mA/1.2mA
Accuracy	± 0.1% OF (Reading + Range)				
<b>Power Read Back</b>					
Range (5 Digital)	0~360W/3600W	0~540W/5400W	0~720W/7200W	0~900W/9000W	0~1080W/10800W
Resolution	0.1W				
Accuracy	± 0.125% OF (Reading + Range)				
<b>Program mode(Mainframe)</b>					
Sequence No.	F1~9/16 Steps				
T1/T2 (Dwell)	0.1S~9.9S/Repeat 9999				
Load Setting(External Pro)	0~10V for CC mode F.S.				
GO/NG Check	Voltage/Current/Power				
<b>Protections</b>					
Over Power	105% of Rated Power				
Over Current	105% of Rated Current				
Over Voltage	105% of Rated Voltage				
Over Temp.	Yes				
<b>Interface(Mainframe)</b>					
RS-232	Optional				
GPIB	Optional				
USB	Optional				
Ethernet	Optional				
RS-232 + GPIB	Optional				
<b>Others</b>					
<b>Load ON Voltage</b>					
Range	0.4~100.0V				
Resolution	0.4V				
Accuracy	1% of Setting + 2.5V				
<b>Load OFF Voltage</b>					
Range	0~100V				
Resolution	Same as Voltage Meter				
Accuracy	Same as Voltage Meter				
<b>General</b>					
<b>Short Circuit</b>					
Current	12A	36A	48A	60A	72A
<b>Temperature Coefficient</b>					
	100ppm/°C(typical)				
Power	200Wmax	300Wmax	400Wmax	500Wmax	600Wmax
<b>Operating Temperature</b>					
	0~40°C				
Dimension(HxWxD)	40 x 445 mm/13.94x17.3x17.4	40 x 445 mm/20.91x17.3x17.4	40 x 445 mm/27.88x17.3x17.4	40 x 445 mm/34.85x17.3x17.4	40 x 445 mm/41.82x17.3x17.5
Weight	47.2 Kg/104.06 lbs	70.8 Kg/156.09 lbs	94.4 kg / 208.12 lbs	118 Kg/260.15 lbs	141.6 Kg/312.18 lbs
Safety & EMC	CE				

Note<sup>1</sup> : The range is automatically or forcing to range II only in CC mode

Note<sup>2</sup> : Operating temperature range is 0~40°C, All specifications apply for 25°C±5°C



All specifications are subject to change without notice.