

SPECIFICATIONS

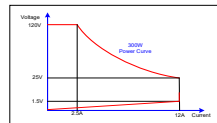
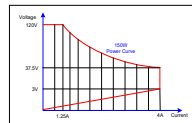
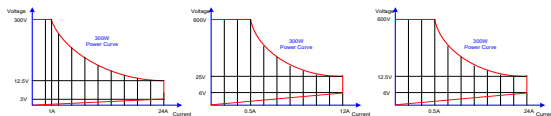
MODEL	3346C 300 W		3346C 300 W		3346C 300 W		3346C 150 W		3346C 300 W		
Power	0 A to 6 A		0 A to 24 A		0 A to 3 A		0 A to 12 A		0 A to 1.2 A		
Current	0 A to 6 A		0 A to 24 A		0 A to 3 A		0 A to 12 A		0 A to 1.2 A		
Voltage	0 V to 300 V		0 V to 500 V		0 V to 500 V		0 V to 120 V		0 V to 120 V		
Min. Operating Voltage	3 V @ 24 A		6 V @ 12 A		6 V @ 24 A		3 V @ 4 A		1.5 V @ 12 A		
Constant Current Mode											
Range ¹¹	0 A to 6 A		0 A to 24 A		0 A to 3 A		0 A to 12 A		0 A to 1.2 A		
Resolution	0.1 mA		0.4 mA		0.05 mA		0.2 mA		0.1 mA		
Accuracy									± 0.1 % OF (SETTING + RANGE)		
Constant Resistance Mode											
Range	CRL:0.125 Ω to 1.5 KΩ(150 V) CRH:0.25 Ω to 3 KΩ(300 V)		CRL:0.5 Ω to 1.5 KΩ(300 V) CRH:1 Ω to 3 KΩ(500 V)		CRL:0.25 Ω to 3 KΩ(300 V) CRH:0.5 Ω to 6 KΩ(500 V)		CRL:0.75 Ω to 750 Ω(60 V) CRH:1.5 Ω to 1.5 KΩ(120 V)		CRL:0.1 Ω to 1.2 KΩ(60 V) CRH:0.2 Ω to 2.4 KΩ(120 V)		
Resolution ¹⁴	133.333 μS		66.666 μS		33.333 μS		16.666 μS		66.666 μS		
Accuracy									± 0.2 % OF (SETTING + RANGE)		
Constant Voltage Mode											
Range	30 V/150 V/300 V		60 V/300 V/500 V		60 V/300 V/500 V		30 V/60 V/120 V		12 V/60 V/120 V		
Resolution	0.0005 V/0.0025 V/0.005 V		0.001 V/0.005 V/0.01 V		0.001 V/0.005 V/0.01 V		0.0005 V/0.001 V/0.002 V		0.0002 V / 0.001 V / 0.002 V		
Accuracy									± 0.05 % OF (SETTING + RANGE)		
Constant Power Mode											
Range	0 W to 300 W		0 W to 300 W		0 W to 300 W		0 W to 300 W		0 W to 300 W		
Resolution	0.005 W		0.005 W		0.005 W		0.005 W		0.005 W		
Accuracy									± 0.5 % OF (SETTING + RANGE)		
LED Mode											
Vo Voltage Range	LEDL:30 V / LEDM:150 V / LEDH:300 V		LEDL:60 V / LEDM:300 V / LEDH:500 V		LEDL:60 V / LEDM:300 V / LEDH:500 V		LEDL:30 V / LEDM:60 V / LEDH:120 V		LEDL:12 V / LEDM:60 V / LEDH:120 V		
Rd Resistance Range	LEDL : 0.125 Ω to 125 Ω @ Vo-Vd = 0 V to 3 V LEDL : 1.25 Ω to 1.25 KΩ @ Vo-Vd = 3 V to 30 V LEDM: 0.625 Ω to 625 Ω @ Vo-Vd = 0 V to 15 V LEDM: 6.25 Ω to 6.25 KΩ @ Vo-Vd = 15 V to 150 V LEDH: 1.25 Ω to 1.25 KΩ @ Vo-Vd = 0 V to 30 V LEDH: 12.5 Ω to 12.5 KΩ @ Vo-Vd = 30 V to 300 V		LEDL : 0.5 Ω to 100 Ω @ Vo-Vd = 0 V to 6 V LEDL : 5 Ω to 1 KΩ @ Vo-Vd = 6 V to 60 V LEDM: 2.5 Ω to 500 Ω @ Vo-Vd = 0 V to 30 V LEDM: 25 Ω to 5 KΩ @ Vo-Vd = 30 V to 300 V LEDH: 5 Ω to 1 KΩ @ Vo-Vd = 0 V to 60 V LEDH: 50 Ω to 10 KΩ @ Vo-Vd = 60 V to 500 V		LEDL : 0.25 Ω to 125 Ω @ Vo-Vd = 0 V to 6 V LEDL : 2.5 Ω to 1.25 KΩ @ Vo-Vd = 6 V to 60 V LEDM: 1.25 Ω to 625 Ω @ Vo-Vd = 0 V to 30 V LEDM: 12.5 Ω to 6.25 KΩ @ Vo-Vd = 30 V to 300 V LEDH: 2.5 Ω to 1.25 KΩ @ Vo-Vd = 0 V to 60 V LEDH: 25 Ω to 12.5 KΩ @ Vo-Vd = 60 V to 500 V		LEDL : 0.625 Ω to 0.75 KΩ @ Vo-Vd = 0 V to 3 V LEDL : 6.25 Ω to 7.5 KΩ @ Vo-Vd = 3 V to 30 V LEDM: 1.25 Ω to 1.5 KΩ @ Vo-Vd = 0 V to 6 V LEDM: 12.5 Ω to 15 KΩ @ Vo-Vd = 6 V to 60 V LEDH: 2.5 Ω to 3 KΩ @ Vo-Vd = 0 V to 12 V LEDH: 25 Ω to 30 KΩ @ Vo-Vd = 12 V to 120 V		LEDL : 0.1 Ω to 120 Ω @ Vo-Vd = 0 V to 1.2 V LEDL : 1 Ω to 1.2 KΩ @ Vo-Vd = 1.2 V to 12 V LEDM: 0.5 Ω to 600 Ω @ Vo-Vd = 0 V to 12 V LEDM: 5 Ω to 6 KΩ @ Vo-Vd = 12 V to 60 V LEDH: 1 Ω to 1.2 KΩ @ Vo-Vd = 0 V to 60 V LEDH: 10 Ω to 12 KΩ @ Vo-Vd = 60 V to 120 V		
Resolution					16 Bits						
Accuracy					Vd : ± (0.05 % OF SETTING + 0.1 % OF RANGE), Rd : ± (0.05 % OF SETTING + 0.1 % OF RANGE)						
Dynamic Mode											
Timing											
THIGH & TLOW					0.050 ms to 9.999 ms / 99.99 ms / 999.9 ms / 9999 ms						
Resolution					0.001 ms / 0.01 ms / 0.1 ms / 1 ms						
Accuracy					1 μs / 10 μs / 100 μs / 1 ms + 50 ppm						
Slew Rate	4.8 mA / μs to 300 mA / μs		19.2 mA / μs to 1200 mA / μs		2.4 mA / μs to 150 mA / μs		9.6 mA / μs to 600 mA / μs		4.8 mA / μs to 300 mA / μs		
Resolution	1.2 mA / μs		4.8 mA / μs		0.6 mA / μs		2.4 mA / μs		0.24 mA / μs		
Accuracy					± (5 % OF SETTING) ± 10 μs						
Min. Rise Time	20 μs (Typical)		20 μs (Typical)		20 μs (Typical)		20 μs (Typical)		20 μs (Typical)		
Current											
Range	0 A to 6 A		0 A to 24 A		0 A to 3 A		0 A to 12 A		0 A to 1.2 A		
Resolution	0.1 mA		0.4 mA		0.05 mA		0.2 mA		0.1 mA		
Accuracy									± 0.1 % OF (SETTING + RANGE)		
Measurement											
Voltage Read Back											
Range	30 V/150 V/300 V		60 V/300 V/500 V		60 V/300 V/500 V		30 V/60 V/120 V		12 V/60 V/120 V		
Resolution	0.5 mV/2.5 mV/5 mV		1 mV/5 mV/10 mV		1 mV/5 mV/10 mV		0.5 mV/1 mV/2 mV		0.2 mV/1 mV/2 mV		
Accuracy									± 0.025 % OF (READING + RANGE)		
Current Read Back											
Range	6 A		24 A		3 A		12 A		6 A		
Resolution	0.1 mA		0.4 mA		0.05 mA		0.2 mA		0.1 mA		
Accuracy									± 0.1 % OF (READING + RANGE)		
Power Read Back											
Range	300 W		300 W		300 W		150 W		300 W		
Accuracy ¹²									± 0.1 % OF (READING + RANGE)		
General											
Imonitor	2.4 A/V		1.2 A/V		2.4 A/V		0.4 A/V		1.2 A/V		
Accuracy					± 0.5 % OF (READING + RANGE)						
Short Signal Output	12 V/100 mAmax		12 V/100 mAmax		12 V/100 mAmax		12 V/100 mAmax		12 V/100 mAmax		
Dimming Control											
Level Range					0 V to 12 V						
Resolution					0.048 V						
Accuracy					1 % OF (SETTING + RANGE)						
Frequency Range			DC to 1 KHz				DC to 10 KHz		DC to 1 KHz		
Resolution			10 Hz				100 Hz		10 Hz		
Duty Range			0.01 to 0.99(1 % to 99 %)				0.01 to 0.99(1 % to 99 %)		0.01 to 0.99(1 % to 99 %)		
Resolution			0.01				0.1		0.01		
Temperature Coefficient					100 ppm/°C (typical)						
Power					Supply from mainframe						
Operating Temperature					0 °C to 40 °C						
Dimension(LxWxD)					143 mm x 108 mm x 405 mm						
Weight	3.5 Kg		3.5 Kg		3.5 Kg		3.5 Kg		3.5 Kg		
Safety & EMC					CE						

Note¹ : The range is automatically or forcing to range II only in CC mode

Note¹² : Power F.S. = Voltage F.S. x Range F.S.

Note¹⁴ : Operating temperature range is 0 °C to 40 °C. All specifications apply for 25 °C ± 5 °C. Except as noted

Note¹⁵ : μS (microsiemens) is the unit of conductance(Ω), one siemens equal to 1/Ω



All specifications are subject to change without notice.