Model		3315G-02	
Power		24W,48W max. *1	
Current		1.2A /2.4A max. *1	
Voltage		20V	
Protections			
Over Power Protection(OPP)		105%	
Over Current Protection(OCP)		105%	
Over Voltage Protection(OVP)		105%	
Over Temp Protection(OTP)		YES	
Constant Current Mode			
Range *2		0 ~ 0.12A	0 ~ 1.2A
Resolution		0.002mA	0.02mA
Accuracy*3		± 0.01% of (setting + Range)	
Constant Resistance Mode			
Range		16.667Ω~ 1000KΩ	0.1200Ω ~ 16.667Ω
Resolution		1uS	0.2778mΩ
Accuracy		± 0.2% of (Setting + Range)	
Constant Voltage Mode			
Range		0 ~ 2V	0 ~ 20V
Resolution		0.034mV	0.34mV
Accuracy		± 0.05% of (Setting + Range)	
Constant Power Mode			
Range		0 ~ 2.4W	0 ~ 24W
Resolution		0.04mW	0.4mW
Accuracy		± 0.5% of (Setting + Range)	
Constant Current + Constant Voltage Mode			
Range		20V	1.2A
Resolution		0.034mV	0.02mA
Accuracy		± 1.0% of (Setting + Range)	
Constant Power + Constant Voltage Mode			
Range		20V	24W
Resolution		0.034mV	0.4mW
Accuracy		± 1.0% of (Setting + Range)	
Maximum Current	Turbo OFF	1.2A	
	Turbo ON *1	2.4A	
Meas. Accuracy		± 3.0% of (Reading + Range)	
Short/OCP/OPP Test Function			
Short Time	Turbo OFF	100ms~10 Sec. or Continue	
	Turbo ON *1	100~2000ms	
Meas. Accuracy		NA	
OCP Time(Tstep)	Turbo OFF	100mS	
	Turbo ON *1	20mS	
Meas. Accuracy		NA	
OPP Time(Tstep)	Turbo OFF	100mS	
	Turbo ON *1	20mS	
Meas. Accuracy		NA	
BMS Test Mode *4			
Short Time	Turbo OFF	0.05mS ~ 10mS	
	Turbo ON *1	0.05mS ~ 10mS	
Meas. Accuracy		±0.005mS	
OCP Time(Tstep)	Turbo OFF	0.05mS~10ms / 11~2000ms	
	Turbo ON *1	0.05mS~10ms / 11~2000ms	
Meas. Accuracy		±0.005mS / ±0.2mS	
Fuse Test Mode *5			
Trip & Non-Trip Time	Turbo OFF	r1 : 1~5999ms, r2 : 6~16383sec	
	Turbo ON *1	1~2000mS	
Meas. Accuracy		r1 : ±0.2mS(<200mS), ±20mS(>200mS), r2 : ±0.5S	
Repeat Cycle		0~255	
Surge Test Mode			
Surge current		0~2.4A	
Normal current		0~1.2A	
Surge Time		10~2000ms	
Surge Step		1~5	
MPPT Mode			
Algorithm		P&O	
Load mode		CV	
Dynamic Mode (50KHz)			
Timing			
Thigh & Tlow		0.010~9.999 / 99.99 / 999.9 / 9999mS	
Resolution		0.001 / 0.01 / 0.1 / 1mS	
Slew rate		0.08 ~ 5mA/us	0.8 ~ 50mA/us
Accuracy		± (5% of Setting) ±10uS	
Measurement			
Voltage Read Back			
Range (5 Digital)		2V	20V
Resolution		0.034mV	0.34mV
Accuracy		± 0.025% of (Reading + Range)	
Current Read Back			
Range (5 Digital)		0.12A	1.2A
Resolution		0.002mA	0.02mA
Accuracy		± 0.01% of (Reading + Range)	
Power Read Back			
Range (5 Digital)		24W	
Resolution		0.01W	
Accuracy *6		± 0.1% of (Reading + Range)	
Current Monitor		FULL SCALE 10V	
Accuracy		0.5% of (Setting + Range)	
Current Programming Input		FULL SCALE 10V	
Programmable Short		BUILT-IN	
Load ON Voltage		0.034 ~ 8.5V	
Accuracy		1% of (Setting + Range)	
Load OFF Voltage		0 ~ 8.5V	
Accuracy		0.025% of (Setting + Range)	
Typical Short Resistance		0.1200Ω	
Maximum Short Current		1.2A	
Dimension(HxWxD)		143 x 108 x 412 mm	
Operating Temperature * 7		0 ~ 40 ℃	

*1 Turbo mode for up to 2X Current rating & Power rating support Fuse, BMS, Short/OCP/OPP test function
*2 The range is automatically or forcing to range II only in CC mode
*3 The accuracy is not include input impedance 180Kohm, For example input 20Vand CC setting 1.0000A the real current will be 1.0000A +/- 0.01% of (setting + range) = 0.99978~1.00022A + (20V/220Kohm(Impedance)) = 0.99987~1.00031A,
You can adjust the CC setting If the impedance resistance have affection the real value. that can be resetting the CC setting to 0.99991A (1-0.00009A)
*4 BMS Test for Battery Management System Board SHORT and OCCP, OCDP Test
*5 Fuse Test function for Fuse, Breaker test
*6 Power range = Vrange F.S. x Irange F.S.
*7 Operating temperature range is 0~40℃, all specification apply for 25℃±5℃, Except as noted