

		PEL-5004G-150-400		PEL-5005G-150-500		PEL-5006G-150-600	
Power ¹⁾	0 ~ 4kW	0 ~ 6kW max. ²⁾	0 ~ 5kW	0 ~ 7.5kW max. ²⁾	0 ~ 6kW	0 ~ 9kW max. ²⁾	
Current	0 ~ 400A	0 ~ 600A max. ²⁾	0 ~ 500A	0 ~ 750A max. ²⁾	0 ~ 600A	0 ~ 900A max. ²⁾	
Voltage	0 ~ 150V		0 ~ 150V		0 ~ 150V		
Min. Operating Voltage	0.7V@400A		0.7V@500A		0.7V@600A		
Protections							
Over Power Protection(OPP)			105%				
Over Current Protection(OCP)			104%				
Over Voltage Protection(OVP)			105%				
Over Temp Protection(OTP)			90°C±5°C				
Constant Current Mode							
Range ³⁾	0 ~ 40A	0 ~ 400A	0 ~ 50A	0 ~ 500A	0 ~ 60A	0 ~ 600A	
Resolution	0.64mA	6.4mA	0.80mA	8.0mA	0.96mA	9.6mA	
Accuracy ⁴⁾	± 0.05% of (Setting + Range)						
Constant Resistance Mode							
Range	22.5kΩ ~ 0.375Ω	0.375Ω ~ 0.0018Ω	18kΩ ~ 0.3Ω	0.3Ω ~ 0.0015Ω	15kΩ ~ 0.25Ω	0.25Ω ~ 0.0012Ω	
Resolution	44uS	6.25uS	56uS	5uS	67uS	4.167uS	
Accuracy ⁴⁾	± 0.1%(Vin / Setting)±0.1% IF S. ± 0.1% of (Setting + Range)±0.1% IF S. ± 0.1%(Vin / Setting)±0.1% IF S. ± 0.1% of (Setting + Range)±0.1% IF S. ± 0.1%(Vin / Setting)±0.1% IF S. ± 0.1% of (Setting + Range)±0.1% IF S.						
Constant Voltage Mode							
Range	0 ~ 150V						
Resolution	2.5mV						
Accuracy ⁴⁾	± 0.05% of (Setting + Range)						
Constant Power Mode							
Range	0 ~ 400W	400 ~ 4kW	0 ~ 500W	500 ~ 5kW	0 ~ 600W	600 ~ 6kW	
Resolution	6.4mW	64mW	8mW	80mW	9.6mW	96mW	
Accuracy ⁴⁾	± 0.2% of (Setting + Range)						
Constant Voltage Mode + Current Limit Mode							
Range	150V	400A	150V	500A	150V	600A	
Resolution	2.5mV	6.4mA	2.5mV	8mA	2.5mV	9.6mA	
Accuracy ⁴⁾	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	
Constant Voltage Mode + Power Limit Mode							
Range	150V	4kW	150V	5kW	150V	6kW	
Resolution	2.5mV	64mW	2.5mV	80mW	2.5mV	96mW	
Accuracy ⁴⁾	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	
Turbo Mode⁵⁾							
Short / OCP / OPP Test Function	OFF	ON	OFF	ON	OFF	ON	
Max. Current	400A	600A	500A	750A	600A	900A	
Max. Power	4000W	6000W	5000W	7500W	6000W	9000W	
Test Accuracy ⁶⁾	± 1.0% of (Reading + Range)						
Short Time	100 ~ 1000ms	100 ~ 200ms	100 ~ 1000ms	100 ~ 200ms	100 ~ 1000ms	100 ~ 200ms	
Setting Accuracy	Continuous		Continuous		Continuous		
Short V Hi	Setting range: 0.00V ~ 150.00V / Resolution: 0.0025V						
Short V Lo	Setting range: 0.00V ~ 150.00V / Resolution: 0.0025V						
OCP Time (tsten)	100ms	20ms	100ms	20ms	100ms	20ms	
Setting Accuracy	± 5ms						
OCP ISTAR / ISTEP / ISTOP	Setting range: 0.00A ~ 400.00A / Resolution: 6.4mA	Setting range: 0.00A ~ 600.00A / Resolution: 9.6mA	Setting range: 0.00A ~ 500.00A / Resolution: 8.0mA	Setting range: 0.00A ~ 750.00A / Resolution: 12mA	Setting range: 0.00A ~ 600.00A / Resolution: 9.6mA	Setting range: 0.00A ~ 900.00A / Resolution: 14.4mA	
OCP VTH	Setting range: 0.00V ~ 150.00V / Resolution: 0.0025V						
OPP Time (tsten)	100ms	20ms	100ms	20ms	100ms	20ms	
Setting Accuracy	± 5ms						
OPP PSTAR / PSTEP / PSTOP	Setting range: 0.00W ~ 4000.0W / Resolution: 64.0mW	Setting range: 0.00W ~ 6000.0W / Resolution: 96.0mW	Setting range: 0.00W ~ 5000.0W / Resolution: 80.0mW	Setting range: 0.00W ~ 7500.0W / Resolution: 120mW	Setting range: 0.00W ~ 6000.0W / Resolution: 96mW	Setting range: 0.00W ~ 9000.0W / Resolution: 144mW	
OPP VTH	Setting range: 0.00V ~ 150.00V / Resolution: 0.0025V						
BMS Test Mode⁷⁾							
Max. Current	400A	600A	500A	750A	600A	900A	
Meas. Accuracy ⁸⁾	± 3.0% of (Reading + Range)						
Short test Time	0.05ms~10ms / Resolution: 0.01ms						
Meas. Accuracy	± 0.02ms						
Setting Accuracy	± 0.05ms						
Short ITH	Setting range: 0.19A ~ 200.00A / Resolution: 6.4mA	Setting range: 0.28A ~ 300.00A / Resolution: 9.6mA	Setting range: 0.24A ~ 250.00A / Resolution: 8.0mA	Setting range: 0.36A ~ 375.00A / Resolution: 12mA	Setting range: 0.28A ~ 300.00A / Resolution: 9.6mA	Setting range: 0.43A ~ 450.00A / Resolution: 14.4mA	
OCP ISTAR	Setting range: 0.64A ~ 400.00A / Resolution: 6.4mA	Setting range: 0.96A ~ 600.00A / Resolution: 9.6mA	Setting range: 0.80A ~ 500.00A / Resolution: 8.0mA	Setting range: 1.20A ~ 750.00A / Resolution: 12mA	Setting range: 0.96A ~ 600.00A / Resolution: 9.6mA	Setting range: 1.44A ~ 900.00A / Resolution: 14.4mA	
OCP TSTEP	0.05 ~ 10ms	0.05 ~ 10ms	0.05 ~ 10ms	0.05 ~ 10ms	0.05 ~ 10ms	0.05 ~ 10ms	
Meas. Accuracy	± 0.1ms / ± 0.5ms	± 0.5ms	± 0.1ms / ± 0.5ms	± 0.5ms	± 0.1ms / ± 0.5ms	± 0.5ms	
OCP ISTEP	Setting range: 0.00A ~ 400.00A / Resolution: 6.4mA	Setting range: 0.60A ~ 600.00A / Resolution: 9.6mA	Setting range: 0.00A ~ 500.00A / Resolution: 8.0mA	Setting range: 0.75A ~ 750.00A / Resolution: 12mA	Setting range: 0.00A ~ 600.00A / Resolution: 9.6mA	Setting range: 0.90A ~ 900.00A / Resolution: 14.4mA	
OCP ISTOP	Setting range: 0.64A ~ 400.00A / Resolution: 6.4mA	Setting range: 0.96A ~ 600.00A / Resolution: 9.6mA	Setting range: 0.80A ~ 500.00A / Resolution: 8.0mA	Setting range: 1.20A ~ 750.00A / Resolution: 12mA	Setting range: 0.96A ~ 600.00A / Resolution: 9.6mA	Setting range: 1.44A ~ 900.00A / Resolution: 14.4mA	
OCP ITH	Setting range: 0.19A ~ 200.00A / Resolution: 6.4mA	Setting range: 0.28A ~ 300.00A / Resolution: 9.6mA	Setting range: 0.24A ~ 250.00A / Resolution: 8.0mA	Setting range: 0.36A ~ 375.00A / Resolution: 12mA	Setting range: 0.28A ~ 300.00A / Resolution: 9.6mA	Setting range: 0.43A ~ 450.00A / Resolution: 14.4mA	
Surge Test Mode							
Surge Current	0 ~ 600A		0 ~ 750A		0 ~ 900A		
Normal Current	0 ~ 300A		0 ~ 375A		0 ~ 450A		
Surge Time	10 ~ 2000ms		10 ~ 2000ms		10 ~ 2000ms		
Surge Slope	1 ~ 5		1 ~ 5		1 ~ 5		
Batt test Mode							
Mode CC	Setting range: 0.00A ~ 400.00A / Resolution: 6.4mA		Setting range: 0.00A ~ 500.00A / Resolution: 8.0mA		Setting range: 0.00A ~ 600.00A / Resolution: 9.6mA		
Mode CP	Setting range: 0.00W ~ 4000.0W / Resolution: 64.0mW		Setting range: 0.00W ~ 5000.0W / Resolution: 80.0mW		Setting range: 0.00W ~ 6000.0W / Resolution: 96mW		
STOP Voltage(VUP)	Setting range: 0.00V ~ 150.00V / Resolution: 0.0025V						
STOP TIME	Setting range: OFF 1 ~ 99999h / Resolution: 1s						
STOP CAP-AH	Setting range: OFF 0.1 ~ 19999AH / Resolution: 0.1AH						
STOP CAP-WH	Setting range: OFF 0.1 ~ 19999WH / Resolution: 0.1WH						
SEQ Load Mode (remote only)							
Load mode	CC / CP						
Setting STEP	2 ~ 16						
Timing	20 ~ 1000 μs / 2 ~ 65535ms / 66 ~ 999sec						
Resolution	10 μs / 1ms / 1sec						
Dynamic Mode							
Timing	0.010~9.999 / 99.99 / 999.9 / 9999ms						
Thigh & Tlow	0.001 / 0.01 / 0.1 / 1ms						
Resolution	1 μs / 10 μs / 100 μs / 1ms ± 50ppm						
Accuracy	0.025% ~ 1.600A / μs						
Slew Rate	0.025A / μs	0.2560~16.000A / μs	0.0320~2.000A / μs	0.3200~20.000A / μs	0.0384~2.400A / μs	0.3840~24.000A / μs	
Resolution	0.0064A / μs	0.064A / μs	0.008A / μs	0.08A / μs	0.0096A / μs	0.096A / μs	
Min. Rise Time	25 μs(typical)						
Accuracy	± 5% of Setting ± 10 μs						
Current							
Range	0 ~ 40A	40 ~ 400A	0 ~ 50A	50 ~ 500A	0 ~ 60A	60 ~ 600A	
Resolution	0.64mA	6.4mA	0.8mA	8mA	0.96mA	9.6mA	
Conf Key Parameter							
LDn Voltage	Setting range: 0.25V ~ 62.50V / Resolution: 0.25V						
LDnF Voltage	Setting range: 0.000V ~ 62.250V / Resolution: 0.0025V						
Average Time	0 ~ 64						
CV Res. Speed	1 ~ 4 (Fastest)						
Measurement							
Voltage Read Back Range (5 Digits)	0 ~ 15V	15 ~ 150V	0 ~ 15V	15 ~ 150V	0 ~ 15V	15 ~ 150V	
Resolution	0.25mV	2.5mV	0.25mV	2.5mV	0.25mV	2.5mV	
Accuracy	± 0.025% of (Reading + Range)						
Current Read Back Range (5 Digits)	0 ~ 40A	40 ~ 400A	0 ~ 50A	50 ~ 500A	0 ~ 60A	60 ~ 600A	
Resolution	0.64mA	6.4mA	0.8mA	8mA	0.96mA	9.6mA	
Accuracy	± 0.05% of (Reading + Range)						
Power Read Back Range (5 Digits)	4kW		5kW		6kW		
Resolution			0.01W				
Accuracy ⁴⁾	± 0.06% of (Reading + Range)						
General							
Typical Short Resistance	1.8mΩ		1.5mΩ		1.2mΩ		
Maximum Short Current	400A		500A		600A		
Load ON Voltage	0.25 ~ 62.5V						
Load OFF Voltage	0 ~ 62.25V						
Power Consumption	550VA						
Dimension(L x W x D)	177mm x 440mm x 745mm						
Weight	28kg						
Temperature ⁹⁾	0 ~ 40°C						
Safety & EMC	CE						

Note¹⁾ : The power rating specifications at ambient temperature = 25 °C

Note²⁾ : The range is automatically or forcing to range II only in CC mode

Note³⁾ : If the operating current is below range 0.1%, the accuracy specification is 0.1% F.S.

Note⁴⁾ : Power Range = Range x Range

Note⁵⁾ : Turbo mode for up to 1.5X Current rating & Power rating support Surge, Bms, Short /OCP /OPP test function

Note⁶⁾ : The best accuracy of OCP /OPP test is Istep /Pstep=1%FS

Note⁷⁾ : Bms Test function for Battery Management System Board SHORT, OCCP and OCPD Test

Note⁸⁾ : Operating temperature range is 0~40 °C, All specifications apply for 25 °C±5°C, Except as noted

Note ¹: The power rating specifications at ambient temperature = 25 °C
 Note ²: The range is automatically or forcing to range II only in CC mode
 Note ³: If the operating current is below range 0.3%, the accuracy specification is 0.1% F.S.
 Note ⁴: Power range = Vrange x Irange
 Note ⁵: Turbo mode for up to 1.5X Current rating & Power rating support Surge, Bms, Short /OCP /OPP test function
 Note ⁶: The best accuracy of OCP /OPP test is $Istep/Pstep=1\%$
 Note ⁷: Bms Test function for Battery Management System Board SHORT, OCPCP and OCDDP Test
 Note ⁸: Operating temperature range is 0–40 °C. All specifications apply for 25 °C±5°C. Except as noted

Note ⁸: Operating temperature range is 0–40 °C, All specifications apply for 25 °C±5°C, Except as noted

PEL-5004G-1200-160			PEL-5005G-1200-200			PEL-5006G-1200-240		
Power ¹⁾	0 ~ 4kW	0 ~ 6kW max. ¹⁾	0 ~ 5kW	0 ~ 7.5kW max. ¹⁾	0 ~ 6kW	0 ~ 9kW max. ¹⁾		
Current	0 ~ 160A	0 ~ 240A max. ¹⁾	0 ~ 200A	0 ~ 300A max. ¹⁾	0 ~ 240A	0 ~ 360A max. ¹⁾		
Voltage	0 ~ 1200V		0 ~ 1200V		0 ~ 1200V			
Min. Operating Voltage	15V@100A		15V@200A		15V@240A			
Protections								
Over Power Protection(OPP)				105%				
Over Current Protection(OCP)				104%				
Over Voltage Protection(OVP)				105%				
Over Temp Protection(OTP)				90°C±5°C				
Constant Current Mode								
Range ²⁾	0 ~ 16A	0 ~ 160A	0 ~ 20A	0 ~ 200A	0 ~ 24A	0 ~ 240A		
Resolution	0.256mA	2.56mA	0.32mA	3.2mA	0.384mA	3.84mA		
Accuracy ³⁾	± 0.05% of (Setting + Range)							
Constant Resistance Mode								
Range	450kΩ ~ 7.5Ω	7.5Ω ~ 0.0937Ω	360kΩ ~ 6Ω	6Ω ~ 0.075Ω	300kΩ ~ 5Ω	5Ω ~ 0.0625Ω		
Resolution	2.2 μS	125μΩ	2.8 μS	100μΩ	3.3 μS	83.34μΩ		
Accuracy ⁴⁾	± 0.1%(Vin / Setting)±0.1% I.F.S.	± 0.1% of (Setting + Range)±0.1% I.F.S.	± 0.1%(Vin / Setting)±0.1% I.F.S.	± 0.1% of (Setting + Range)±0.1% I.F.S.	± 0.1%(Vin / Setting) ±0.1% I.F.S.	± 0.1% of (Setting + Range) ±0.1% I.F.S.		
Constant Voltage Mode								
Range	0-1200V							
Resolution	20mV							
Accuracy	± 0.05% of (Setting + Range)							
Constant Power Mode								
Range	0 ~ 400W	400 ~ 4kW	0-500W	500-5kW	0-600W	600-6kW		
Resolution	6.4mW	64mW	8mW	80mW	9.6mW	96mW		
Accuracy ⁵⁾	± 0.2% of (Setting + Range)							
Constant Voltage Mode + Current Limit Mode								
Range	1200V	160A	1200V	200A	1200V	240A		
Resolution	20mV	2.56mA	20mV	3.2mA	20mV	3.84mA		
Accuracy ⁶⁾	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)		
Constant Voltage Mode + Power Limit Mode								
Range	1200V	4kW	1200V	5kW	1200V	6kW		
Resolution	20mV	64mW	20mV	80mW	20mV	96mW		
Accuracy ⁷⁾	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)	± 0.05% of (Setting + Range)	± 1.0% of (Setting + Range)		
Turbo Mode ⁸⁾								
Short / OCP / OPP Test Function	OFF	ON	OFF	ON	OFF	ON		
Max. Current	160A	240A	200A	300A	240A	360A		
Max. Power	4000W	6000W	5000W	7500W	6000W	9000W		
Test Accuracy ⁹⁾	± 1.0% of (Reading + Range)							
Short Time	100 ~ 10000ms	100 ~ 2000ms	100 ~ 10000ms	100 ~ 2000ms	100 ~ 10000ms	100 ~ 2000ms		
Setting Accuracy	Continuous		Continuous		Continuous			
Short V _{Hi}	Setting range : 0.25V - 1200.0V / Resolution : 0.02V							
Short V _{Lo}	Setting range : 0.000V - 1200.0V / Resolution : 0.02V							
OCP Time(Tstep)	100ms	20ms	100ms	20ms	100ms	20ms		
Setting Accuracy	±5ms							
OCP ISTAR / ISTEP / ISTOP	Setting range : 0.00A - 160.00A / Resolution : 2.56mA	Setting range : 0.00A - 240.00A / Resolution : 3.84mA	Setting range : 0.00A - 200.00A / Resolution : 3.2mA	Setting range : 0.00A - 300.00A / Resolution : 4.8mA	Setting range : 0.00A - 240.00A / Resolution : 3.84mA	Setting range : 0.00A - 360.00A / Resolution : 5.76mA		
OCP VTH	Setting range : 0.00V - 1200.00V / Resolution : 0.02V							
OPP Time(Tstep)	100ms	20ms	100ms	20ms	100ms	20ms		
Setting Accuracy	±5ms							
OPP PSTAR / PSTEP / PSTOP	Setting range : 0.00W - 4000.0W / Resolution : 64.0mW	Setting range : 0.00W - 6000.0W / Resolution : 96.0mW	Setting range : 0.00W - 5000.0W / Resolution : 80.0mW	Setting range : 0.00W - 7500.0W / Resolution : 120mW	Setting range : 0.00W - 6000.0W / Resolution : 96mW	Setting range : 0.00W - 9000.0W / Resolution : 144mW		
OPP VTH	Setting range : 0.00V - 1200.00V / Resolution : 0.02V							
BMS Test Mode ⁷⁾								
Max. Current	160A	240A	200A	300A	240A	360A		
Meas. Accuracy ¹⁰⁾	±3.0% of (Reading + Range)							
Short test Time	0.05ms-10ms / Resolution : 0.01ms							
Meas. Accuracy	±0.02ms							
Setting Accuracy	±0.05ms							
Short ITH	Setting range : 0.07A - 80.00A / Resolution : 2.56mA	Setting range : 0.11A - 120.00A / Resolution : 3.84mA	Setting range : 0.09A - 100.00A / Resolution : 3.2mA	Setting range : 0.14A - 150.00A / Resolution : 4.8mA	Setting range : 0.11A - 120.00A / Resolution : 3.84mA	Setting range : 0.17A - 180.00A / Resolution : 5.76mA		
OCP ISTAR	Setting range : 0.25A - 160.00A / Resolution : 2.56mA	Setting range : 0.38A - 240.00A / Resolution : 3.84mA	Setting range : 0.32A - 200.00A / Resolution : 3.2mA	Setting range : 0.48A - 300.00A / Resolution : 4.8mA	Setting range : 0.38A - 240.00A / Resolution : 3.84mA	Setting range : 0.57A - 360.00A / Resolution : 5.76mA		
OCP TSTEP	0.05 ~ 10ms 11 ~ 1000ms	0.05 ~ 10ms 11 ~ 1000ms	0.05 ~ 10ms 11 ~ 1000ms	0.05 ~ 10ms 11 ~ 1000ms	0.05 ~ 10ms 11 ~ 1000ms	0.05 ~ 10ms 11 ~ 1000ms		
Meas. Accuracy	±0.1ms / ±0.5ms	±0.5ms	±0.1ms / ±0.5ms	±0.5ms	±0.1ms / ±0.5ms	±0.5ms		
OCP ISTEP	Setting range : 0.00A - 160.00A / Resolution : 2.56mA	Setting range : 2.40A - 240.00A / Resolution : 3.84mA	Setting range : 0.00A - 200.00A / Resolution : 3.2mA	Setting range : 3.00A - 300.00A / Resolution : 4.8mA	Setting range : 0.00A - 240.00A / Resolution : 3.84mA	Setting range : 3.60A - 360.00A / Resolution : 5.76mA		
OCP ISTOP	Setting range : 0.25A - 160.00A / Resolution : 2.56mA	Setting range : 0.38A - 240.00A / Resolution : 3.84mA	Setting range : 0.32A - 200.00A / Resolution : 3.2mA	Setting range : 0.48A - 300.00A / Resolution : 4.8mA	Setting range : 0.38A - 240.00A / Resolution : 3.84mA	Setting range : 0.57A - 360.00A / Resolution : 5.76mA		
OCP ITH	Setting range : 0.07A - 80.00A / Resolution : 2.56mA	Setting range : 0.11A - 120.00A / Resolution : 3.84mA	Setting range : 0.09A - 100.00A / Resolution : 3.2mA	Setting range : 0.14A - 150.00A / Resolution : 4.8mA	Setting range : 0.11A - 120.00A / Resolution : 3.84mA	Setting range : 0.17A - 180.00A / Resolution : 5.76mA		
Surge Test Mode								
Surge Current	0 ~ 240A		0 ~ 300A		0 ~ 360A			
Normal Current	0 ~ 120A		0 ~ 150A		0 ~ 180A			
Surge Time	10 ~ 2000ms		10 ~ 2000ms		10 ~ 2000ms			
Surge Step	1 ~ 5		1 ~ 5		1 ~ 5			
Batt test Mode								
Mode CC	Setting range : 0.00A - 160.00A / Resolution : 2.56mA			Setting range : 0.00A - 200.00A / Resolution : 3.2mA		Setting range : 0.00A - 240.00A / Resolution : 3.84mA		
Mode CP	Setting range : 0.00W - 4000.0W / Resolution : 64.0mW			Setting range : 0.00W - 5000.0W / Resolution : 80.0mW		Setting range : 0.00W - 6000.0W / Resolution : 96mW		
STOP Voltage (UVP)				Setting range : 0.00V - 1200.00V / Resolution : 0.02V				
STOP TIME				Setting range : OFF 1 - 999999 / Resolution : 1s				
STOP CAP.AH				Setting range : OFF 0.1 - 19999AH / Resolution : 0.1AH				
STOP CAP.WH				Setting range : OFF 0.1 - 19999WH / Resolution : 0.1WH				
SEQ Load Mode (remode only)								
Load Mode	CC / CP							
Setting STEP	2 ~ 16							
Timing	20 ~ 1000 μs / 2 - 65535ms / 66 ~ 999sec							
Resolution	10 μs / 1ms / 1sec							
Dynamic Mode								
Timing								
Thigh & Tlow	0.010-9.999 / 99.99 / 999.9 / 9999ms							
Resolution	0.001 / 0.01 / 0.1 / 1ms							
Accuracy	1 μs / 10 μs / 100 μs / 1ms ± 50ppm							
Slow Rate	0.01024 ~ 0.640A / μs	0.1024 ~ 6.400A / μs	0.0128~0.800A / μs	0.1280~8.000A / μs	0.01536~0.960A / μs	0.1536~9.600A / μs		
Resolution	0.00256A / μs	0.0256A / μs	0.0032A / μs	0.032A / μs	0.00384A / μs	0.0384A / μs		
Min. Rise Time	25 μs(typical)							
Accuracy	±(5% of Setting)±10 μs							
Current								
Range	0 ~ 16A	16 ~ 160A	0 ~ 20A	20 ~ 200A	0 ~ 24A	42 ~ 240A		
Resolution	0.26mA	2.56mA	0.32mA	3.2mA	0.38mA	3.84mA		
Conf Key Parameter								
I _{Don} Voltage	Setting range : 1V - 250.0V / Resolution : 1V							
I _{DoFF} Voltage	Setting range : 0.000V - 249.0V / Resolution : 0.02V							
Average Time	0 ~ 64							
CV Res. Speed	1 ~ 4 (Fastest)							
Measurement								
Voltage Read Back Range (5 Digital)	0 ~ 120V	120 ~ 1200V	0 ~ 120V	120 ~ 1200V	0 ~ 120V	120 ~ 1200V		
Resolution	2.00mV	20.0mV	2.00mV	20.0mV	2.00mV	20.0mV		
Accuracy	± 0.025% of (Reading + Range)							
Current Read Back Range (5 Digital)	0 ~ 16A	16 ~ 160A	0 ~ 20A	20 ~ 200A	0 ~ 24A	24 ~ 240A		
Resolution	0.256mA	2.56mA	0.32mA	3.2mA	0.384mA	3.84mA		
Accuracy	± 0.05% of (Reading + Range)							
Power Read Back Range (5 Digital)	4kW		5kW		6kW			
Resolution			0.01W					
Accuracy ¹¹⁾	± 0.06% of (Reading + Range)							
General								
Typical Short Resistance	93.75mΩ		75mΩ		62.505mΩ			
Maximum Short Current	160A		200A		240A			
Load ON Voltage			1 ~ 250V					
Load OFF Voltage			0 ~ 249V					
Power Consumption			550VA					
Dimension(H x W x D)			177mm x 440mm x 745mm					
Weight			29kg					
Temperature ¹²⁾			0 ~ 40°C					
Safety & EMC			CE					

Note ¹⁾ : The power rating specifications at ambient temperature = 25 °C

Note ²⁾ : The range is automatically or forcing to range II only in CC mode

Note ³⁾ : If the operating current is below range 0.1%, the accuracy specification is 0.1% F.S.

Note ⁴⁾ : Power range = Vrange x Irange

Note ⁵⁾ : Turbo mode for up to 1.5X Current rating & Power rating support Surge, Bms, Short /OCP /OPP test function

Note ⁶⁾ : The best accuracy of OCP /OPP test is Istep /Pstep=1%FS

Note ⁷⁾ : Bms Test function for Battery Management System Board SHORT, OCCP and OCPD Test

Note ⁸⁾ : Operating temperature range is 0-40 °C, All specifications apply for 25°C±5°C, Except as noted