

SPECIFICATIONS

Model	36350E		36360E	
Power	50 KW	50 KW	60 KW	60 KW
Current	0 A to 25 A	0 A to 250 A	0 A to 30 A	0 A to 300 A
Voltage	0 V to 1250 V		0 ~ 1250V	
Protections				
Over Power Protection(OPP)			105 %	
Over Current Protection(OCP)			104 %	
Over Voltage Protection(OVP)			104 %	
Over Temp Protection(OTP)			YES	
Constant Current Mode				
Range *1	25 A	250 A	30 A	300 A
Resolution	0.42 mA	4.2 mA	0.48 mA	4.8 mA
Accuracy	± (0.1 % of setting + 0.2 % of Range)			
Constant Resistance Mode				
Range	5712 Ω to 4.76 Ω	4.76 Ω to 0.24 Ω	5004 Ω to 4.17 Ω	4.17 Ω to 0.21 Ω
Resolution *4	3.5014 μS	0.08 mΩ	3.9968 μS	0.07 mΩ
Accuracy	± 0.2 % of (Setting + Range)			
Constant Voltage Mode				
Range	1250 V		1250 V	
Resolution	20 mV		20 mV	
Accuracy	± 0.05 % of (Setting + Range)			
Constant Power Mode				
Range	5000 W	50000 W	6000 W	60000 W
Resolution	84 mW	840 mW	96 mW	960 mW
Accuracy	± 0.5 % of (Setting + Range)			
Constant Voltage + Current Limit Mode				
Range	1250 V	250 A	1250 V	300 A
Resolution	20 mV	4.2 mA	20 mV	4.8 mA
Accuracy	± 0.05 % of (Setting + Range)	± 1.0 % of (Setting + Range)	± 0.05 % of (Setting + Range)	± 1.0 % of (Setting + Range)
Constant Voltage + Power Limit Mode				
Range	1250 V	50000 W	1250 V	60000 W
Resolution	20 mV	840 mW	20 mV	960 mW
Accuracy	± 0.05 % of (Setting + Range)	± 1.0 % of (Setting + Range)	± 0.05 % of (Setting + Range)	± 1.0 % of (Setting + Range)
MPPT Mode				
Algorithm	P&O			
Load mode	CV			
P&O interval	1000 ms to 60000 ms ; resolution 1000 ms			
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	0.02 A/μs to 1.25 A/μs	0.2 A/μs to 12.5 A/μs	0.024 A/μs to 1.5 A/μs	0.24 A/μs to 15 A/μs
Resolution	0.005 A/μs	0.05 A/μs	0.006 A/μs	0.06 A/μs
Min. Rise Time	20 μs (typical)			
Accuracy	± (5 % of Setting) ± 10 μs			
Current				
Range	0 A to 26.25 A	26.25 A to 250 A	0 A to 30 A	30 A to 300 A
Resolution	0.42 mA	4.2 mA	0.48 mA	4.8 mA
Measurement				
Voltage Read Back				
Range (5 Digital)	0 V to 125 V	125 V to 1250 V	0 V to 125 V	125 V to 1250 V
Resolution	2 mV	20 mV	2 mV	20 mV
Accuracy	± 0.025 % of (Reading + Range)			
Current Read Back				
Range (5 Digital)	0 A to 26.25 A	26.25 A to 250 A	0 A to 30 A	30 A to 300 A
Resolution	0.42 mA	4.2 mA	0.48 mA	4.8 mA
Accuracy	± 0.1 % of (Reading + Range)			
Power Read Back				
Range (5 Digital)	5000 W	50000 W	6000 W	60000 W
Resolution	0.1 W	1 W	0.1 W	1 W
Accuracy *2	± 0.125 % of (Reading + Range)			
General				
Short Circuit				
Current	250 A		300 A	
Load ON Voltage	1.0 V to 250 V		1.0 V to 250 V	
Load OFF Voltage	0 V to 250 V		0 V to 250 V	
Power Consumption	5450 Wmax		6200 Wmax	
Dimension(HxWxD)	1353 mm x 853 mm x 766 mm		1508 mm x 853 mm x 766 mm	
Weight	510 Kg		630 Kg	
Emergency Stop Input (Option)	Key & TTL			
External I/O & Analog Control (Option)	CC, CV, CP, CC+CV, CP+CV			
Operating range				
Temperature *3	0 °C to 40 °C			
Humidity	20 % to 85 % rh			
Storage range				
Temperature	-20 °C to +70 °C			
Humidity	≤ 90 % rh			
Withstanding voltage test				
AC input and FG	AC 1500 V, 1 minute.			
AC input and Load terminal	AC 3000 V, 1 minute.			
Load terminal and FG	AC 1500 V, 1 minute.			

Note *1 : The range is automatically or forcing to range II only in CC mode

Note *2 : Power F.S. = Vrange F.S. x Irange F.S.

Note *3 : Operating temperature range is 0 °C to 40 °C, All specifications apply for 25 °C±5 °C, Except as noted

Note *4 : μS (microsiemens) is the unit of conductance(G), one siemens equal to 1/Ω

Input AC Power : 100 Vac to 230 Vac ± 10 %, 50/60 Hz

Cooling : Advanced Fan Cooled

All specifications are subject to change without notice.

