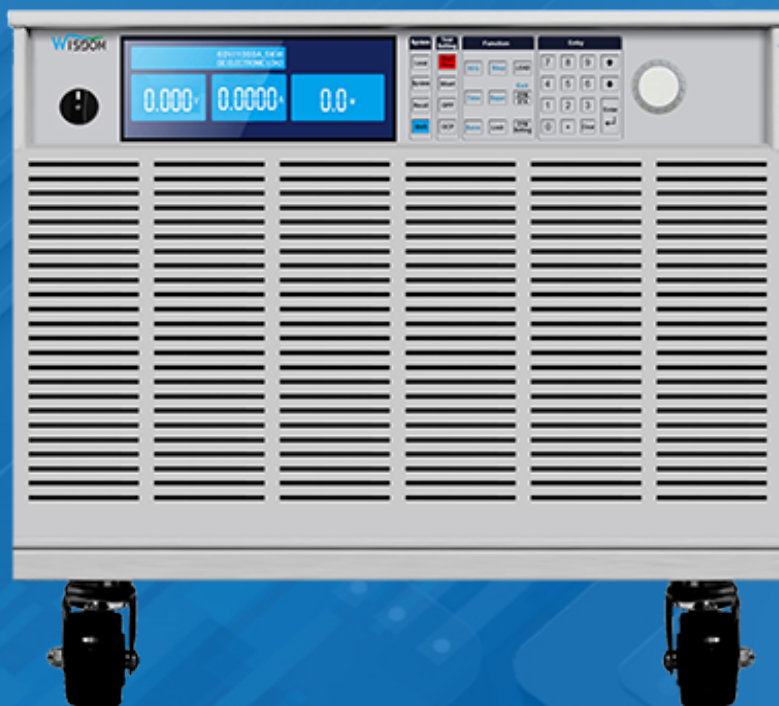


超高功率

超高电压



/// 高效可编程直流电子负载 W-ETL 30000系列

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产品概述

W-ETL 30000 SERIES 具有独立的控制及显示面板、定电流/定电阻/定电压/定功率/动态模式，配合面板上的 150 组 储存/呼叫 记忆，能有效地控制所有负载的设定，更可透过 RS232、Ethernet、USB 和 GPIB 等界面进行远端控制。

产品特点

- 功率范围：0-60KW 可选，可扩展至 480KW
- 输入电压：0-1250V 可选
- 输入电流：0-1500A 可选
- 最高达 8 台主/从并联控制
- 5 位数之数位电压、电流以及功率表
- 高速量测及通讯传输速率
- 大型 LCD Display、可用飞梭旋钮或按键调整设定值
- 可同时显示电压值、电流值、瓦特值
- 适用于功率因数调整器(PFC)测试用 (600V,1000V 机种)
- 可自动执行 OCP、OPP 测试
- 定电流、定电阻、定电压、定功率、定电流 + 定电压、定功率 + 定电压、动态及短路模式
- 于短路测试时可设定短路时间
- 过电流、功率、温度保护及过电压示警
- 电压极性显示可设成正值 (" +") 或负值 (" -")
- 支援太阳能板 MPPT CC、CR、CV 测试
- 可选用界面：GPIB、RS232、USB、LAN
- 选购功能：紧急停止开关、类比控制界面

功能优势

- 具备短路测试功能及设定短路时间，并可量测短路电压及电流
- 在定电流及定功率模式下，可做动态负载之模拟，其电流上升、下降斜率均为独立可调，具有-外部输入任意波形之动态负载功能
- 可设定吃载/停止吃载(Load ON/OFF)电压点及良/不良(GO/NG)的比较判断功能、电压极性显示可正可负及150组储存/呼叫记忆，使得负载更适用于各种不同的应用
- 多达 150 组测试参数及状态的储存功能，让其可根据自动测试(auto sequence) 需求，随时将储存记忆调出来任意使用
- 因其耐压可高达 1000V，故而非常适用于功率因数调整器(PFC)的测试应用

应用领域

- 交换式电源供应器瞬时响应
- 定电压模式供限流测试及 ATE 系统
- 汽车、太阳能、电信、军用、航空和工业用可编程和动态负载测试
- 电源、电池充电器、太阳能电池板光伏阵列，汽车和卡车发电机、各类储能装置如电池(铅、铅酸、AGM、镍氢、镍镉、锂离子等)以及电容等电器和电子直流源的主动负载测试
- 负载/放电设备可接受从变压器、电感、直流马达等感性负载返还的能量直流源的单独研发或终端测试，适合结合自动测试台和老化房一起使用
- 适合容量测试、质量验证、主动和被动元件的老化测试和重复性测试，如：接触片、端子、保险丝、二极管、电阻等复合型与太阳能光伏阵列测试应用的理想产品

MODEL	W-ETL 34105		W-ETL 34110		W-ETL34115		W-ETL 34120		W-ETL 34125	
Power	5KW		10KW		15KW		20KW		25KW	
Current	0~100A 0~1000A		0~100A 0~1000A		0~100A 0~1000A		0~100A 0~1000A		0~100A 0~1000A	
Voltage	0~60V		0~60V		0~60V		0~60V		0~60V	
Min. Operating Voltage	0.1V@100A	0.7V@1000A ³	0.1V@100A	0.7V@1000A ³	0.1V@100A	0.7V@1000A ³	0.1V@100A	0.7V@1000A ³	0.1V@100A	0.7V@1000A ³
Protections										
Over Power Protection (OPP)	105%									
Over Current Protection (OCP)	104%									
Over Voltage Protection (OVP)	105%									
Over Temp Protection (OTP)	Yes									
Constant Current Mode										
Range ¹	0~100A	0~1000A	0~100A	0~1000A	0~100A	0~1000A	0~100A	0~1000A	0~100A	0~1000A
Resolution	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA
Accuracy	± (0.1% of Setting + 0.2% of Range)									
Constant Resistance Mode										
Range	3600Ω~0.06Ω	0.06Ω~0.001Ω	3600Ω~0.06Ω	0.06Ω~0.001Ω	3600Ω~0.06Ω	0.06Ω~0.001Ω	3600Ω~0.06Ω	0.06Ω~0.001Ω	3600Ω~0.06Ω	0.06Ω~0.001Ω
Resolution	277μS	0.001mΩ	277μS	0.001mΩ	277μS	0.001mΩ	277μS	0.001mΩ	277μS	0.001mΩ
Accuracy	± 0.2% of (Setting + Range)									
Constant Voltage Mode										
Range	60V									
Resolution	1mV									
Accuracy	± 0.05% of (Setting + Range)									
Constant Power Mode										
Range	500W	5000W	1000W	10000W	1500W	15000W	2000W	20000W	2500W	25000W
Resolution	8mW	80mW	16mW	160mW	24mW	240mW	32mW	320mW	40mW	400mW
Accuracy	± 0.5% of (Setting + Range)									
Constant Voltage Mode + Constant Current Mode										
Range	60V	1000A	60V	1000A	60V	1000A	60V	1000A	60V	1000A
Resolution	1mV	16mA	1mV	16mA	1mV	16mA	1mV	16mA	1mV	16mA
Accuracy	± 1.0% of (Setting + Range)									
Constant Voltage Mode + Constant Power Mode										
Range	60V	5000W	60V	10000W	60V	15000W	60V	20000W	60V	25000W
Resolution	1mV	80mW	1mV	160mW	1mV	240mW	1mV	320mW	1mV	400mW
Accuracy	± 1.0% of (Setting + Range)									
MPPT Mode										
Algorithm	P&O + Scanning									
Load mode	CC, CR, CV (MPPT C, R, V)									
Sampling interval	10ms~2000ms ; resolution 1ms									
P&O interval	10ms~2000ms ; resolution 1ms									
Memory situation	Discard old data and keep catching new data									
Dynamic Mode										
Timing										
Thigh & Tlow	0.150~9.999 / 99.99 / 999.9 / 9999ms									
Resolution	0.001 / 0.01 / 0.1 / 1ms									
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm									
Slew Rate	24mA~1.5A/μs	240mA~15A/μs	24mA~1.5A/μs	240mA~15A/μs	24mA~1.5A/μs	240mA~15A/μs	24mA~1.5A/μs	240mA~15A/μs	24mA~1.5A/μs	240mA~15A/μs
Resolution	6mA/μs	60mA/μs	6mA/μs	60mA/μs	6mA/μs	60mA/μs	6mA/μs	60mA/μs	6mA/μs	60mA/μs
Min. Rise Time	66.7μs(typical)									
Current										
Range	0~100A	100~1000A	0~100A	100~1000A	0~100A	100~1000A	0~100A	100~1000A	0~100A	100~1000A
Resolution	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA
Measurement										
Voltage Read Back										
Range (5 Digital)	0~6V	6~60V	0~6V	6~60V	0~6V	6~60V	0~6V	6~60V	0~6V	6~60V
Resolution	0.1mV	1mV	0.1mV	1mV	0.1mV	1mV	0.1mV	1mV	0.1mV	1mV
Accuracy	± 0.025% of (Reading + Range)									
Current Read Back										
Range (5 Digital)	0~100A	100~1000A	0~100A	100~1000A	0~100A	100~1000A	0~100A	100~1000A	0~100A	100~1000A
Resolution	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA
Accuracy	± 0.1% of (Reading + Range)									
Power Read Back										
Range (5 Digital)	1000W	5000W	1000W	10000W	10000W	15000W	10000W	20000W	10000W	25000W
Resolution	0.01W	0.1W	0.01W	1W	0.1W	1W	0.1W	1W	0.1W	1W
Accuracy	± 0.125% of (Reading + Range)									
General										
Short Circuit										
Current	1000A									
Load ON Voltage	0.1~25V									
Load OFF Voltage	0~25V									
Emergency Stop Input (選購)	Key & TTL									
Analog Control (選購)	CC / CV / CP / CC+CV / CP+CV									
Power Consumption	600Wmax		1000Wmax		1450Wmax		1900Wmax		2350Wmax	
Operating Temperature ²	0~40°C									
Dimension (HxWxD)	573x647x766mm		573x647x766mm		728x647x766mm		885x647x766mm		1041x647x766mm	
HxWxD (Not included wheels)	469x647x766mm		469x647x766mm		625x647x766mm		781x647x766mm		937x647x766mm	
Weight	100 Kg		130 kg		170 kg		220 kg		280 kg	
Safety & EMC	CE									

冷却方式：智慧型风扇冷却

输入电源：① Load-20KW内(含) : 100~230 Vac ±10%，50/60Hz
 ② Load-25KW以上(含) : 200~230 Vac ±10%，50/60Hz

注*1:CC Mode 可強制于range II

注*2:操作温度范围为0~40°C，此规格表内之精确度仅适用于25°C±5°C

注*3:起始电压需大于5V，动态模式---5V@1000A

MODEL	W-ETL 34130		W-ETL 34135		W-ETL 34140		W-ETL 34205		W-ETL 34210	
Power	30KW		35KW		40KW		5KW		10KW	
Current	0~100A	0~1000A	0~100A	0~1000A	0~100A	0~1000A	0~16A	0~160A	0~32A	0~320A
Voltage	0~60V						0~600V			
Min. Operating Voltage	0.1V@100A	0.7V@1000A ³	0.1V@100A	0.7V@1000A ³	0.1V@100A	0.7V@1000A ³	10V@160A		10V@320A	
Protections										
Over Power Protection (OPP)	105%						105%			
Over Current Protection (OCP)	104%						105%			
Over Voltage Protection (OVP)	105%						105%			
Over Temp Protection (OTP)	Yes									
Constant Current Mode										
Range ¹	0~100A	0~1000A	0~100A	0~1000A	0~100A	0~1000A	0~16A	0~160A	32A	320A
Resolution	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA	0.256mA	2.56mA	0.512mA	5.12mA
Accuracy	± (0.1% of Setting + 0.2% of Range)									
Constant Resistance Mode										
Range	3600Ω~0.06Ω	0.06Ω~0.001Ω	3600Ω~0.06Ω	0.06Ω~0.001Ω	3600Ω~0.06Ω	0.06Ω~0.001Ω	15000Ω~3.75Ω	3.75Ω~0.063Ω	12500Ω~1.875Ω	1.875Ω~0.0315Ω
Resolution	277μS	0.001mΩ	277μS	0.001mΩ	277μS	0.001mΩ	4.4μS	63μΩ	8.8μΩ	0.0315mΩ
Accuracy	± 0.2% of (Setting + Range)									
Constant Voltage Mode										
Range	60V						600V			
Resolution	1mV						10mV			
Accuracy	± 0.05% of (Setting + Range)									
Constant Power Mode										
Range	3000W	30000W	3500W	35000W	4000W	40000W	500W	5000W	1000W	10000W
Resolution	48mW	480mW	56mW	560mW	64mW	640mW	8mW	80mW	16mW	160mW
Accuracy	± 0.5% of (Setting + Range)									
Constant Voltage Mode + Constant Current Mode										
Range	60V	1000A	60V	1000A	60V	1000A	600V	160A	600V	320A
Resolution	1mV	16mA	1mV	16mA	1mV	16mA	10mV	2.56mA	10mV	5.12mA
Accuracy	± 1.0% of (Setting + Range)									
Constant Voltage Mode + Constant Power Mode										
Range	60V	30000W	60V	35000W	60V	40000W	600V	5000W	600V	10000W
Resolution	1mV	480mW	1mV	560mW	1mV	640mW	10mV	80mW	10mV	160mW
Accuracy	± 1.0% of (Setting + Range)									
MPPT Mode										
Algorithm	P&O + Scanning									
Load mode	CC, CR, CV (MPPT C, R, V)									
Sampling interval	10ms~2000ms ; resolution 1ms									
P&O interval	10ms~2000ms ; resolution 1ms									
Memory situation	Discard old data and keep catching new data									
Dynamic Mode										
Timing										
Thigh & Tlow	0.150~9.999 / 99.99 / 999.9 / 9999ms									
Resolution	0.001 / 0.01 / 0.1 / 1ms									
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm									
Slew Rate	24mA~1.5A/uS	240mA~15A/uS	24mA~1.5A/μs	240mA~15A/μs	24mA~1.5A/μs	240mA~15A/μs	12.8mA~800mA/μs	128mA~8A/μs	25.6mA~1.6A/μs	256mA~16A/μs
Resolution	6mA/uS	60mA/uS	6mA/μs	60mA/μs	6mA/μs	60mA/μs	3.2mA/μs	32mA/μs	6.4mA/μs	64mA/μs
Min. Rise Time	66.7μs(typical)						20μs(typical)			
Current										
Range	0~100A	100~1000A	0~100A	100~1000A	0~100A	100~1000A	0~16A	16~160A	0~32A	32~320A
Resolution	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA	0.256mA	2.56mA	0.512mA	5.12mA
Measurement										
Voltage Read Back										
Range (5 Digital)	0~6V	6~60V	0~6V	6~60V	0~6V	6~60V	0~60V	60~600V	0~60V	60~600V
Resolution	0.1mV	1mV	0.1mV	1mV	0.1mV	1mV	1mV	10mV	1mV	10mV
Accuracy	± 0.025% of (Reading + Range)									
Current Read Back										
Range (5 Digital)	0~100A	100~1000A	0~100A	100~1000A	0~100A	100~1000A	0~16A	16~160A	0~32A	32~320A
Resolution	1.6mA	16mA	1.6mA	16mA	1.6mA	16mA	0.256mA	2.56mA	0.512mA	5.12mA
Accuracy	± 0.1% of (Reading + Range)									
Power Read Back										
Range (5 Digital)	10000W	30000W	10000W	35000W	10000W	40000W	1000W	5000W	1000W	10000W
Resolution	0.1W	1W	0.1W	1W	0.1W	1W	0.01W	0.1W	0.01W	1W
Accuracy	± 0.125% of (Reading + Range)									
General										
Short Circuit										
Current	1000A						160A		320A	
Load ON Voltage	0.1~25V						0.4~100V		0.4~100V	
Load OFF Voltage	0~25V						0~100V			
Emergency Stop Input (選購)	Key & TTL									
Analog Control (選購)	CC / CV / CP / CC+CV / CP+CV									
Power Consumption	2800Wmax		3250Wmax		3700Wmax		600Wmax		1000Wmax	
Operating Temperature ²	0~40°C									
Dimension (HxWxD)	1197x647x766mm		1353x647x766mm		1509x647x766mm		573x647x766mm		573x647x766mm	
HxWxD (Not included wheels)	1093x647x766mm		1249x647x766mm		1405x647x766mm		469x647x766mm		469x647x766mm	
Weight	340 Kg		390 kg		430 kg		100 kg		130 kg	
Safety & EMC	CE									

冷却方式：智慧型风扇冷却
 输入电源：① Load-20KW内(含) : 100~230 Vac ±10%, 50/60Hz
 ② Load-25KW以上(含) : 200~230 Vac ±10%, 50/60Hz

注*1:CC Mode 可强制于range II
 注*2:操作温度范围为0~40°C, 此规格表内之精确度仅适用于25°C±5°C
 注*3:起始电压需大于5V, 动态模式---5V@1000A

MODEL	W-ETL 34215		W-ETL 34220		W-ETL 34225		W-ETL 34230		W-ETL 34235	
Power	15KW		20KW		25KW		30KW		35KW	
Current	0 ~ 48A	0 ~ 480A	0 ~ 64A	0 ~ 640A	0 ~ 80A	0 ~ 800A	0 ~ 96A	0 ~ 960A	0 ~ 112A	0 ~ 1120A
Voltage	0 ~ 600V									
Min. Operating Voltage	10V @ 480A		10V @ 640A		10V @ 800A		10V @ 960A		10V @ 1120A	
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 ¹	48A	480A	64A	640A	80A	800A	96A	960A	112A	1120A
Resolution	0.768mA	7.68mA	1.024mA	10.24mA	1.28mA	12.8mA	1.536mA	15.36mA	1.792mA	17.92mA
Accuracy	± (0.1% of Setting + 0.2% of Range)									
Constant Resistance Mode										
Range	15000Ω~1.25Ω	1.25Ω~0.021Ω	11250Ω~0.9375Ω	0.9375Ω~0.01575Ω	11250Ω~0.75Ω	0.75Ω~0.0126Ω	12500Ω~0.625Ω	0.625Ω~0.0105Ω	6428.4Ω~0.5357Ω	0.5357Ω~0.009Ω
Resolution	13.3μs	0.021mΩ	17.7μs	0.01575mΩ	22.2μs	0.0126mΩ	26.6μs	0.0105mΩ	31.1μs	0.009mΩ
Accuracy	±0.2% of (Setting + Range)									
Constant Voltage Mode										
Range	600V									
Resolution	10mV									
Accuracy	± 0.05% of (Setting + Range)									
Constant Power Mode										
Range	1500W	15000W	2000W	20000W	2500W	25000W	3000W	30000W	3500W	35000W
Resolution	24mW	240mW	32mW	320mW	40mW	400mW	48mW	480mW	56mW	560mW
Accuracy	± 0.5% of (Setting + Range)									
Constant Voltage Mode + Constant Current Mode										
Range	600V	480A	600V	640A	600V	800A	600V	960A	600V	1120A
Resolution	10mV	7.68mA	10mV	10.24mA	10mV	12.8mA	10mV	15.36mA	10mV	17.92mA
Accuracy	± 1.0% of (Setting + Range)									
Constant Voltage Mode + Constant Power Mode										
Range	600V	15000W	600V	20000W	600V	25000W	600V	30000W	600V	35000W
Resolution	10mV	240mW	10mV	320mW	10mV	400mW	10mV	480mW	10mV	560mW
Accuracy	± 1.0% of (Setting + Range)									
MPPT Mode										
Algorithm	P&O + Scanning									
Load mode	CC, CR, CV (MPPT C, R, V)									
Sampling interval	10ms~2000ms ; resolution 1ms									
P&O interval	10ms~2000ms ; resolution 1ms									
Memory situation	Discard old data and keep catching new data									
Dynamic Mode										
Timing										
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms									
Resolution	0.001 / 0.01 / 0.1 / 1ms									
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm									
Slew Rate	38.4mA~2.4A/μs	384mA~24A/μs	51.2mA~3.2A/μs	512mA~32A/μs	64mA~4A/μs	640mA~40A/μs	76.8mA~4.8A/μs	768mA~48A/μs	0.0896A~5.6A/μs	0.896A~56A/μs
Resolution	9.6mA/μs	96mA/μs	12.8mA/μs	128mA/μs	16mA/μs	160mA/μs	19.2mA/μs	192mA/μs	22.4mA/μs	224mA/μs
Min. Rise Time	20μs(typical)									
Current										
Range	0~48A	48~480A	0~64A	64~640A	0~80A	80~800A	0~96A	96~960A	0~112A	112~1120A
Resolution	0.768mA	7.68mA	1.024mA	10.24mA	1.28mA	12.8mA	1.536mA	15.36mA	1.792mA	17.92mA
Measurement										
Voltage Read Back										
Range (5 Digital)	0~60V	60~600V	0~60V	60~600V	0~60V	60~600V	0~60V	60~600V	0~60V	60~600V
Resolution	1mV	10mV	1mV	10mV	1mV	10mV	1mV	10mV	1mV	10mV
Accuracy	±0.025% of (Reading + Range)									
Current Read Back										
Range (5 Digital)	0~48A	48~480A	0~64A	64~640A	0~80A	80~800A	0~96A	96~960A	0~112A	112~1120A
Resolution	0.768mA	7.68mA	1.024mA	10.24mA	1.28mA	12.8mA	1.536mA	15.36mA	1.792mA	17.92mA
Accuracy	±0.1% of (Reading + Range)									
Power Read Back										
Range (5 Digital)	10000W	15000W	10000W	20000W	10000W	25000W	10000W	30000W	10000W	35000W
Resolution	0.1W	1W	0.1W	1W	0.1W	1W	0.1W	1W	0.1W	1W
Accuracy	±0.125% of (Reading + Range)									
General										
Short Circuit										
Current	480A		640A		800A		960A		1120A	
Load ON Voltage	0.4 ~ 100V									
Load OFF Voltage	0 ~ 100V									
Emergency Stop Input (选购)	Key & TTL									
Analog Control (选购)	CC / CV / CP / CC+CV / CP+CV									
Power Consumption	1450Wmax		1900Wmax		2350Wmax		2800Wmax		3250Wmax	
Operating Temperature ²	0~40°C									
Dimension (HxWxD)	728x647x766mm		885x647x766mm		1041x647x766mm		1197x647x766mm		1353x647x766mm	
HxWxD (Not included wheels)	625x647x766mm		781x647x766mm		937x647x766mm		1093x647x766mm		1249x647x766mm	
Weight	170 kg		220 kg		280 kg		340 kg		390 kg	
Safety & EMC	CE									

冷却方式：智慧型风扇冷却

输入电源：① Load-20KW内(含)：100~230 Vac ±10%，50/60Hz
 ② Load-25KW以上(含)：200~230 Vac ±10%，50/60Hz

注*1:CC Mode 可強制于rangeII

注*2:操作温度范围为0~40°C，此规格表内之精确度适用于25°C±5°C

MODEL	W-ETL 34240		W-ETL 34305		W-ETL 34310		W-ETL 34315		W-ETL 34320		
Power	40KW		5KW		10KW		15KW		20KW		
Current	0 ~ 128A 0 ~ 1280A		0 ~ 5A	0 ~ 50A	0 ~ 10A	0 ~ 100A	0 ~ 15A	0 ~ 150A	0 ~ 20A	0 ~ 200A	
Voltage	0 ~ 600V		0 ~ 1000V								
Min. Operating Voltage	10V @ 1280A		10V @ 50A		10V @ 100A		10V @ 150A		10V @ 200A		
Protections											
Over Power Protection (OPP)	105%								105%		
Over Current Protection (OCP)	104%								104%		
Over Voltage Protection (OVP)	105%								104%		
Over Temp Protection (OTP)	Yes								Yes		
Constant Current Mode											
Range ¹	128A	1280A	5A	50A	10A	100A	15A	150A	20A	200A	
Resolution	2.048mA	20.48mA	0.08mA	0.8mA	0.16mA	1.6mA	0.24mA	2.4mA	0.32mA	3.2mA	
Accuracy	± (0.1% of Setting + 0.2% of Range)										
Constant Resistance Mode											
Range	5625Ω ~ 0.46875Ω	0.46875Ω ~ 0.00787Ω	24000Ω~20Ω	20Ω~0.2004Ω	12000Ω~10Ω	10Ω~0.1002Ω	8332.5Ω~6.666Ω	6.6659Ω~0.066792Ω	6000Ω~5Ω	5Ω~0.0501Ω	
Resolution	35.5μs	0.007875mΩ	0.833μs	0.334mΩ	1.666μs	0.167mΩ	2.4μs	0.11132mΩ	3.33μs	0.0835mΩ	
Accuracy	±0.2% of (Setting + Range)										
Constant Voltage Mode											
Range	600V		10 ~ 1000V								
Resolution	10mV		16mV								
Accuracy	± 0.05% of (Setting + Range)										
Constant Power Mode											
Range	4000W	40000W	500W	5000W	1000W	10000W	1500W	15000W	2000W	20000W	
Resolution	64mW	640mW	8mV	80mW	16mV	160mW	24mW	240mW	32mW	320mW	
Accuracy	± 0.5% of (Setting + Range)										
Constant Voltage Mode + Constant Current Mode											
Range	600V	1280A	1000V	50A	1000V	100A	1000V	150A	1000V	200A	
Resolution	10mV	20.48mA	16mV	0.8mA	16mV	1.6mA	16mV	2.4mA	16mV	3.2mA	
Accuracy	± 1.0% of (Setting + Range)										
Constant Voltage Mode + Constant Power Mode											
Range	600V	40000W	1000V	5000W	1000V	10000W	1000V	15000W	1000V	20000W	
Resolution	10mV	640mW	16mV	80mW	16mV	160mW	16mV	240mW	16mV	320mW	
Accuracy	± 1.0% of (Setting + Range)										
MPPT Mode											
Algorithm	P&O + Scanning										
Load mode	CC, CR, CV (MPPT C, R, V)										
Sampling interval	10ms~2000ms ; resolution 1ms										
P&O interval	10ms~2000ms ; resolution 1ms										
Memory situation	Discard old data and keep catching new data										
Dynamic Mode											
Timing											
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms										
Resolution	0.001 / 0.01 / 0.1 / 1ms										
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm										
Slew Rate	0.1024A~6.4A/μs	1.024A~64A/μs	0.004A~0.25A/μs	0.04A~2.5A/μs	0.008A~0.5A/μs	0.08A~5A/μs	0.012A~0.75A/μs	0.12A~7.5A/μs	0.016A~1A/μs	0.16A~10A/μs	
Resolution	25.6mA/μs	256mA/μs	0.001A/μs	0.01A/μs	0.002A/μs	0.02A/μs	0.003A/μs	0.03A/μs	0.004A/μs	0.04A/μs	
Min. Rise Time	20μs(typical)										
Current											
Range	0~128A	128~1280A	0~5A	5~50A	0~10A	10~100A	0~15A	15~150A	0~20A	20~200A	
Resolution	2.048mA	20.48mA	0.08mA	0.8mA	0.16mA	1.6mA	0.24mA	2.4mA	0.32mA	3.2mA	
Measurement											
Voltage Read Back											
Range (5 Digital)	0~60V	60~600V	0~100V	100~1000V	0~100V	100~1000V	0~100V	100~1000V	0~100V	100~1000V	
Resolution	1mV	10mV	1.6mV	16mV	1.6mV	16mV	1.6mV	16mV	1.6mV	16mV	
Accuracy	±0.025% of (Reading + Range)										
Current Read Back											
Range (5 Digital)	0~128A	128~1280A	0~5A	5~50A	0~10A	10~100A	0~15A	15~150A	0~20A	20~200A	
Resolution	2.048mA	20.48mA	0.08mA	0.8mA	0.16mA	1.6mA	0.24mA	2.4mA	0.32mA	3.2mA	
Accuracy	±0.1% of (Reading + Range)										
Power Read Back											
Range (5 Digital)	10000W	40000W	1000W	5000W	1000W	10000W	10000W	15000W	10000W	20000W	
Resolution	0.1W	1W	0.01W	0.1W	0.01W	1W	0.1W	1W	0.1W	1W	
Accuracy	±0.125% of (Reading + Range)										
General											
Short Circuit											
Current	1280A		50A		100A		150A		200A		
Load ON Voltage	0.4 ~ 100V		10.4 ~ 200V								
Load OFF Voltage	0 ~ 100V		0 ~ 200V								
Emergency Stop Input (选购)	Key & TTL										
Analog Control (选购)	CC / CV / CP / CC+CV / CP+CV										
Power Consumption	3700Wmax		600 Wmax		1000Wmax		1450Wmax		1900Wmax		
Operating Temperature ²	0~40°C										
Dimension (HxWxD)	1509x647x766mm		573x647x766mm		573x647x766mm		728x647x766mm		885x647x766mm		
HxWxD (Not included wheels)	1405x647x766mm		469x647x766mm		469x647x766mm		625x647x766mm		781x647x766mm		
Weight	430 kg		100 kg		130 kg		170 kg		220 kg		
Safety & EMC	CE										

冷却方式：智慧型风扇冷却

输入电源：① Load-20KW内(含) : 100~230 Vac ±10%, 50/60Hz
 ② Load-25KW以上(含) : 200~230 Vac ±10%, 50/60Hz

注*1:CC Mode 可強制于rangeII

注*2:操作温度范围为0~40°C，此规格表内之精确度适用于25°C±5°C

MODEL	W-ETL 34325		W-ETL 34330		W-ETL 34335		W-ETL 34340	
Power	25KW		30KW		35KW		40KW	
Current	0 ~ 25A	0 ~ 250A	0 ~ 30A	0 ~ 300A	0 ~ 35A	0 ~ 350A	0 ~ 40A	0 ~ 400A
Voltage	0 ~ 1000V							
Min. Operating Voltage	10V @ 250A		10V @ 300A		10V @ 350A		10V @ 400A	
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	25A	250A	30A	300A	35A	350A	40A	400A
Resolution	0.4mA	4mA	0.48mA	4.8mA	0.56mA	5.6mA	0.64mA	6.4mA
Accuracy	± (0.1% of Setting + 0.2% of Range)							
Constant Resistance Mode								
Range	4800Ω~4Ω	4Ω~0.04008Ω	3999.6Ω~3.333Ω	3.333Ω~0.033396Ω	3428.4Ω~2.857Ω	2.857Ω~0.0286266Ω	3000Ω~2.5Ω	2.5Ω~0.02505Ω
Resolution	4.166μS	0.0668mΩ	5μS	0.05566mΩ	5.833μS	0.047711mΩ	6.66μS	0.04175mΩ
Accuracy	±0.2% of (Setting + Range)							
Constant Voltage Mode								
Range	10 ~ 1000V							
Resolution	16mV							
Accuracy	± 0.05% of (Setting + Range)							
Constant Power Mode								
Range	2500W	25000W	3000W	30000W	3500W	35000W	4000W	40000W
Resolution	40mV	400mW	48mV	480mW	56mW	560mW	64mW	640mW
Accuracy	± 0.5% of (Setting + Range)							
Constant Voltage Mode + Constant Current Mode								
Range	1000V	250A	1000V	300A	1000V	350A	1000V	400A
Resolution	16mV	4mA	16mV	4.8mA	16mV	5.6mA	16mV	6.4mA
Accuracy	± 1% of (Setting + Range)							
Constant Voltage Mode + Constant Power Mode								
Range	1000V	25000W	1000V	30000W	1000V	35000W	1000V	40000W
Resolution	16mV	400mW	16mV	480mW	16mV	560mW	16mV	640mW
Accuracy	± 1.0% of (Setting + Range)							
MPPT Mode								
Algorithm	P&O + Scanning							
Load mode	CC, CR, CV (MPPT C, R, V)							
Sampling interval	10ms~2000ms ; resolution 1ms							
P&O interval	10ms~2000ms ; resolution 1ms							
Memory situation	Discard old data and keep catching new data							
Dynamic Mode								
Timing								
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms							
Resolution	0.001 / 0.01 / 0.1 / 1ms							
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm							
Slew Rate	0.02A~1.25A/μs	0.2A~12.5A/μs	0.024A~1.5A/μs	0.24A~15A/μs	0.028A~1.75A/μs	0.28A~17.5A/μs	0.032A~2A/μs	0.32A~20A/μs
Resolution	0.005A/μs	0.05A/μs	0.006A/μs	0.06A/μs	0.007A/μs	0.07A/μs	0.008A/μs	0.08A/μs
Min. Rise Time	20μs(typical)							
Current								
Range	0~25A	25~250A	0~30A	30~300A	0~35A	35~350A	0~40A	40~400A
Resolution	0.4mA	4mA	0.48mA	4.8mA	0.56mA	5.6mA	0.64mA	6.4mA
Measurement								
Voltage Read Back								
Range (5 Digital)	0~100V	100~1000V	0~100V	100~1000V	0~100V	100~1000V	0~100V	100~1000V
Resolution	1.6mV	16mV	1.6mV	16mV	1.6mV	16mV	1.6mV	16mV
Accuracy	±0.025% of (Reading + Range)							
Current Read Back								
Range (5 Digital)	0~25A	25~250A	0~30A	30~300A	0~35A	35~350A	0~40A	40~400A
Resolution	0.4mA	4mA	0.48mA	4.8mA	0.56mA	5.6mA	0.64mA	6.4mA
Accuracy	±0.1% of (Reading + Range)							
Power Read Back								
Range (5 Digital)	10000W	25000W	10000W	30000W	10000W	35000W	10000W	40000W
Resolution	0.1W	1W	0.1W	1W	0.1W	1W	0.1W	1W
Accuracy	±0.125% of (Reading + Range)							
General								
Short Circuit								
Current	250A		300A		350A		400A	
Load ON Voltage	10.4 ~ 200V							
Load OFF Voltage	0 ~ 200V							
Emergency Stop Input (选购)	Key & TTL							
Analog Control (选购)	CC / CV / CP / CC+CV / CP+CV							
Power Consumption	2350 Wmax		2800Wmax		3250Wmax		3700Wmax	
Operating Temperature ²	0~40°C							
Dimension (HxWxD)	1041x647x766mm		1197x647x766mm		1353x647x766mm		1509x647x766mm	
HxWxD (Not included wheels)	937x647x766mm		1093x647x766mm		1249x647x766mm		1405x647x766mm	
Weight	280 kg		340 kg		390 kg		430 kg	
Safety & EMC	CE							

冷却方式：智慧型风扇冷却

输入电源：① Load-20KW内(含)：100~230 Vac ±10%，50/60Hz
 ② Load-25KW以上(含)：200~230 Vac ±10%，50/60Hz

注*1:CC Mode 可強制于rangeII

注*2:操作温度范围为0~40°C，此规格表内之精确度适用于25°C±5°C

MODEL	W-ETL 34250		W-ETL 34260		W-ETL 34350		W-ETL 34360	
Power	50KW		60KW		50KW		60KW	
Current	0~21A	0~210A	0~24A	0~240A	0~52.5A	0~500A	0~60A	0~600A
Voltage	0 ~ 600V		0 ~ 600V		0 ~ 1000V		0 ~ 1000V	
Min. Operating Voltage	10V@210A		10V@240A		10V@500A		10V@600A	
Protections								
Over Power Protection (OPP)							105%	
Over Current Protection (OCP)							105%	
Over Voltage Protection (OVP)							104%	
Over Temp Protection (OTP)							104%	
Over Temp Protection (OTP) Yes								
Constant Current Mode								
Range ¹	21A	210A	24A	240A	52.5A	500A	60A	600A
Resolution	0.35mA	3.5mA	0.4mA	4mA	0.875mA	8.75mA	1mA	10mA
Accuracy	± (0.1% of Setting + 0.2% of Range)							
Constant Resistance Mode								
Range	8571Ω~2.857Ω	2.857Ω~0.0477Ω	7500Ω~2.5Ω	2.5Ω~0.0417Ω	2280Ω~1.9Ω	1.9Ω~0.02Ω	2000Ω~1.666Ω	1.666Ω~0.01668Ω
Resolution	5.83μS	47.7μΩ	6.66μS	41.7μΩ	8.7μS	32μΩ	10μS	27.833μΩ
Accuracy	± 0.2% of (Setting + Range)							
Constant Voltage Mode								
Range	0~600V				10~1000V			
Resolution	10mV				16mV			
Accuracy	± 0.05% of (Setting + Range)							
Constant Power Mode								
Range	5.25KW	50KW	6KW	60KW	5.25KW	50KW	6KW	60KW
Resolution	0.0875W	0.875W	0.1W	1W	0.0875W	0.875W	0.1W	1W
Accuracy	± 0.5% of (Setting + Range)							
Constant Voltage Mode + Constant Current Mode								
Range	600V	210A	600V	240A	1000V	500A	1000V	600A
Resolution	10mV	3.5mA	10mV	4mA	16mV	8.75mA	16mV	10mA
Accuracy	± (0.1% of setting + 0.2% of Range)							
Constant Voltage Mode + Constant Power Mode								
Range	600V	50KW	600V	60KW	1000V	50KW	1000V	60KW
Resolution	10mV	0.875W	10mV	1W	16mV	0.875W	16mV	1W
Accuracy	± 0.5% of (Setting + Range)							
MPPT Mode								
Algorithm	P & O + Scanning							
Load mode	CC, CR, CV (MPPT C, R, V)							
Sampling interval	10ms~2000ms ; resolution 1ms							
P&O interval	10ms~2000ms ; resolution 1ms							
Memory situation	Discard old data and keep catching new data							
Dynamic Mode								
Timing								
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms							
Resolution	0.001 / 0.01 / 0.1 / 1ms							
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm							
Slew Rate	16.8mA~1.05A/μs	168mA~10.5A/μs	19.2mA~1.2A/μs	192mA~12A/μs	0.04A~2.5A/μs	0.4A~25A/μs	0.048A~3A/μs	0.48A~30A/μs
Resolution	4.2mA/μs	42mA/μs	4.8mA/μs	48mA/μs	0.01A/μs	0.1A/μs	0.012A/μs	0.12A/μs
Min. Rise Time	20μs(typical)							
Current								
Range	0~21A	21~210A	0~24A	24~240A	0~52.5A	52.5~500A	0~60A	60~600A
Resolution	0.35mA	3.5mA	0.4mA	4mA	0.875mA	8.75mA	1mA	10mA
Measurement								
Voltage Read Back								
Range (5 Digital)	0~60V	60~600V	0~60V	60~600V	0~100V	100~1000V	0~100V	100~1000V
Resolution	1mV	10mV	1mV	10mV	1.6mV	16mV	1.6mV	16mV
Accuracy	± 0.025% of (Reading + Range)							
Current Read Back								
Range (5 Digital)	0~21A	21~210A	0~24A	24~240A	0~52.5A	52.5~500A	0~60A	60~600A
Resolution	0.35mA	3.5mA	0.4mA	4mA	0.875mA	8.75mA	1mA	10mA
Accuracy	± 0.1% of (Reading + Range)							
Power Read Back								
Range (5 Digital)	10KW	50KW	10KW	60KW	10KW	50KW	10KW	60KW
Resolution	0.1W	1W	0.1W	1W	0.1W	1W	0.1W	1W
Accuracy	± 0.125% of (Reading + Range)							
General								
Short Circuit								
Current	210A		240A		500A		600A	
Load ON Voltage	0.4~100V				10.4~200V			
Load OFF Voltage	0~99V				0~198.4V			
Emergency Stop Input (选购)	Key & TTL							
Analog Control (选购)	CC / CV / CP / CC+CV / CP+CV							
Power Consumption	5450Wmax		6200Wmax		5450Wmax		6200Wmax	
Operating Temperature ²	0~40°C							
Dimension (HxWxD)	1353x853x766mm		1508x853x766mm		1353x853x766mm		1508x853x766mm	
HxWxD (Not included wheels)	1249x853x766mm		1405x853x766mm		1249x853x766mm		1405x853x766mm	
Weight	510 Kg		630 kg		510 kg		630 kg	
Safety & EMC	CE							

冷却方式：智慧型风扇冷却
 输入电源：200~230 Vac ±10%，50/60Hz

注*1:CC Mode 可強制于rangeII
 注*2:操作温度范围为0~40°C，此规格表内之精确度适用于25°C±5°C

MODEL	W-ETL 34405		W-ETL 34410		W-ETL 34415		W-ETL 34420	
Power	5KW		10KW		15KW		20KW	
Current	0 ~ 2.5A	0 ~ 25A	0 ~ 5A	0 ~ 50A	0 ~ 7.5A	0 ~ 75A	0 ~ 10A	0 ~ 100A
Voltage	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	2.5A	25A	5A	50A	7.5A	75A	10A	100A
Resolution	0.04mA	0.4mA	0.08mA	0.8mA	0.12mA	1.2mA	0.16mA	1.6mA
Accuracy	± (0.1% of Setting + 0.2% of Range)							
Constant Resistance Mode								
Range	60000Ω~50Ω	50Ω~2.502Ω	30000Ω~25Ω	25Ω~1.251Ω	20004Ω~16.67Ω	16.67Ω~0.834Ω	15000Ω~12.5Ω	12.5Ω~0.627Ω
Resolution	0.3334μS	0.834mΩ	0.6667μS	0.417mΩ	0.9998μS	0.278mΩ	1.3333μS	0.209mΩ
Accuracy	±0.2% of (Setting + Range)							
Constant Voltage Mode								
Range	1250V							
Resolution	20mV							
Accuracy	± 0.05% of (Setting + Range)							
Constant Power Mode								
Range	500W	5000W	1000W	10000W	1500W	15000W	2000W	20000W
Resolution	8mW	80mW	16mW	160mW	24mW	240mW	32mW	320mW
Accuracy	± 0.5% of (Setting + Range)							
Constant Voltage Mode + Constant Current Mode								
Range	1250V	25A	1250V	50A	1250V	75A	1250V	100A
Resolution	20mV	0.4mA	20mV	0.8mA	20mV	1.2mA	20mV	1.6mA
Accuracy	± 1% of (Setting + Range)							
Constant Voltage Mode + Constant Power Mode								
Range	1250V	5000W	1250V	10000W	1250V	15000W	1250V	20000W
Resolution	20mV	80mW	20mV	160mW	20mV	240mW	20mV	320mW
Accuracy	± 1.0% of (Setting + Range)							
MPPT Mode								
Algorithm	P&O + Scanning							
Load mode	CC, CR, CV (MPPT C, R, V)							
Sampling interval	10ms~2000ms ; resolution 1ms							
P&O interval	10ms~2000ms ; resolution 1ms							
Memory situation	Discard old data and keep catching new data							
Dynamic Mode								
Timing								
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms							
Resolution	0.001 / 0.01 / 0.1 / 1ms							
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm							
Slew Rate	0.002A~0.125A/μS	0.02A~1.25A/μS	0.004A~0.25A/μS	0.04A~2.5A/μS	0.006A~0.375A/μS	0.06A~3.75A/μS	0.008A~0.5A/μS	0.08A~5A/μS
Resolution	0.0005A/μS	0.005A/μS	0.001A/μS	0.01A/μS	0.0015A/μS	0.015A/μS	0.002A/μS	0.02A/μS
Min. Rise Time	20μs(typical)							
Current								
Range	0~2.5A	2.5~25A	0~5A	5~50A	0~7.5A	7.5~75A	0~10A	10~100A
Resolution	0.04mA	0.4mA	0.08mA	0.8mA	0.12mA	1.2mA	0.16mA	1.6mA
Measurement								
Voltage Read Back								
Range (5 Digital)	0~125V	125~1250V	0~125V	125~1250V	0~125V	125~1250V	0~125V	125~1250V
Resolution	2mV	20mV	2mV	20mV	2mV	20mV	2mV	20mV
Accuracy	±0.025% of (Reading + Range)							
Current Read Back								
Range (5 Digital)	0~2.5A	2.5~25A	0~5A	5~50A	0~7.5A	7.5~75A	0~10A	10~100A
Resolution	0.04mA	0.4mA	0.08mA	0.8mA	0.12mA	1.2mA	0.16mA	1.6mA
Accuracy	±0.1% of (Reading + Range)							
Power Read Back								
Range (5 Digital)	1000W	5000W	1000W	10000W	10000W	15000W	10000W	20000W
Resolution	0.01W	0.1W	0.01W	1W	0.1W	1W	0.1W	1W
Accuracy	±0.125% of (Reading + Range)							
General								
Short Circuit								
Current	25A	50A	75A	100A				
Load ON Voltage	0 ~ 250V							
Load OFF Voltage	0 ~ 250V							
Emergency Stop Input (选购)	Key & TTL							
Analog Control (选购)	CC / CV / CP / CC+CV / CP+CV							
Power Consumption	600 Wmax	1000Wmax	1450Wmax	1900Wmax				
Operating Temperature ²	0~40°C							
Dimension (HxWxD)	573x647x766mm	573x647x766mm	728x647x766mm	885x647x766mm				
HxWxD (Not included wheels)	469x647x766mm	469x647x766mm	625x647x766mm	781x647x766mm				
Weight	100 kg	130 kg	170 kg	220 kg				
Safety & EMC	CE							

冷却方式：智慧型风扇冷却

输入电源：① Load-20KW内(含) : 100~230 Vac ±10% , 50/60Hz
 ② Load-25KW以上(含) : 200~230 Vac ±10% , 50/60Hz

注*1:CC Mode 可强制于rangeII

注*2:操作温度范围为0~40°C , 此规格表内之精确度适用于25°C±5°C

MODEL	W-ETL 34425		W-ETL 34430		W-ETL 34435		W-ETL 34440	
Power	25KW		30KW		35KW		40KW	
Current	0 ~ 12.5A	0 ~ 125A	0 ~ 15A	0 ~ 150A	0 ~ 17.5A	0 ~ 175A	0 ~ 20A	0 ~ 200A
Voltage	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	12.5A	125A	15A	150A	17.5A	175A	20A	200A
Resolution	0.2mA	2mA	0.24mA	2.4mA	0.28mA	2.8mA	0.32mA	3.2mA
Accuracy	± (0.1% of Setting + 0.2% of Range)							
Constant Resistance Mode								
Range	12000Ω~10Ω	10Ω~0.501Ω	9996Ω~8.33Ω	8.33Ω~0.417Ω	8568Ω~7.14Ω	7.14Ω~0.357Ω	7500Ω~6.25Ω	6.25Ω~0.315Ω
Resolution	1.6667μS	0.167mΩ	2.0008μS	0.139mΩ	2.334μS	0.119mΩ	2.6667μS	0.105mΩ
Accuracy	±0.2% of (Setting + Range)							
Constant Voltage Mode								
Range	1250V							
Resolution	20mV							
Accuracy	± 0.05% of (Setting + Range)							
Constant Power Mode								
Range	2500W	25000W	3000W	30000W	3500W	35000W	4000W	40000W
Resolution	40mW	400mW	48mW	480mW	56mW	560mW	64mW	640mW
Accuracy	± 0.5% of (Setting + Range)							
Constant Voltage Mode + Constant Current Mode								
Range	1250V	125A	1250V	150A	1250V	170A	1250V	200A
Resolution	20mV	2mA	20mV	2.4mA	20mV	2.8mA	20mV	3.2mA
Accuracy	± 1% of (Setting + Range)							
Constant Voltage Mode + Constant Power Mode								
Range	1250V	25000W	1250V	30000W	1250V	35000W	1250V	40000W
Resolution	20mV	400mW	20mV	480mW	20mV	560mW	20mV	640mW
Accuracy	± 1.0% of (Setting + Range)							
MPPT Mode								
Algorithm	P&O + Scanning							
Load mode	CC, CR, CV (MPPT C, R, V)							
Sampling interval	10ms~2000ms ; resolution 1ms							
P&O interval	10ms~2000ms ; resolution 1ms							
Memory situation	Discard old data and keep catching new data							
Dynamic Mode								
Timing								
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms							
Resolution	0.001 / 0.01 / 0.1 / 1ms							
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm							
Slew Rate	0.01A~0.625A/μS	0.1A~6.25A/μS	0.012A~0.75A/μS	0.12A~7.5A/μS	0.014A~0.875A/μS	0.14A~8.75A/μS	0.016A~1A/μS	0.16A~10A/μS
Resolution	0.0025A/μS	0.025A/μS	0.003A/μS	0.03A/μS	0.0035A/μS	0.035A/μS	0.002A/μS	0.04A/μS
Min. Rise Time	20μs(typical)							
Current								
Range	0~12.5A	12.5~125A	0~15A	15~150A	0~17.5A	17.5~175A	0~20A	20~200A
Resolution	0.2mA	2mA	0.24mA	2.4mA	0.28mA	2.8mA	0.32mA	3.2mA
Measurement								
Voltage Read Back								
Range (5 Digital)	0~125V	125~1250V	0~125V	125~1250V	0~125V	125~1250V	0~125V	125~1250V
Resolution	2mV	20mV	2mV	20mV	2mV	20mV	2mV	20mV
Accuracy	±0.025% of (Reading + Range)							
Current Read Back								
Range (5 Digital)	0~12.5A	12.5~125A	0~15A	15~150A	0~17.5A	17.5~175A	0~20A	20~200A
Resolution	0.2mA	2mA	0.24mA	2.4mA	0.28mA	2.8mA	0.32mA	3.2mA
Accuracy	±0.1% of (Reading + Range)							
Power Read Back								
Range (5 Digital)	10000W	25000W	10000W	30000W	10000W	35000W	10000W	40000W
Resolution	0.1W	1W	0.1W	1W	0.1W	1W	0.1W	1W
Accuracy	±0.125% of (Reading + Range)							
General								
Short Circuit								
Current	125A		150A		175A		200A	
Load ON Voltage	0 ~ 250V							
Load OFF Voltage	0 ~ 250V							
Emergency Stop Input (选购)	Key & TTL							
Analog Control (选购)	CC / CV / CP / CC+CV / CP+CV							
Power Consumption	2350Wmax		2800Wmax		3250Wmax		3700Wmax	
Operating Temperature ²	0~40°C							
Dimension (HxWxD)	1041x647x766mm		1197x647x766mm		1353x647x766mm		1509x647x766mm	
HxWxD (Not included wheels)	937x647x766mm		1093x647x766mm		1249x647x766mm		1405x647x766mm	
Weight	280 kg		340 kg		390 kg		430 kg	
Safety & EMC	CE							

冷却方式：智慧型风扇冷却

输入电源：① Load-20KW内(含)：100~230 Vac ±10%，50/60Hz

② Load-25KW以上(含)：200~230 Vac ±10%，50/60Hz

注*1:CC Mode 可强制于range II

注*2:操作温度范围为0~40°C，此规格表内之精确度适用于25°C±5°C

MODEL	W-ETL 34450		W-ETL 34460	
Power	50KW		60KW	
Current	0 ~ 25A	0 ~ 250A	0 ~ 30A	0 ~ 300A
Voltage	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	25A	250A	30A	300A
Resolution	0.42mA	4.2mA	0.48mA	4.8mA
Accuracy	± (0.1% of Setting + 0.2% of Range)			
Constant Resistance Mode				
Range	5712Ω ~ 4.76Ω	4.76Ω ~ 0.24Ω	5004Ω ~ 4.17Ω	4.17Ω ~ 0.21Ω
Resolution	3.5014μS	0.08mΩ	3.9968μS	0.07mΩ
Accuracy	± 0.2% of (Setting + Range)			
Constant Voltage Mode				
Range	0~1250V			
Resolution	20mV			
Accuracy	± 0.05% of (Setting + Range)			
Constant Power Mode				
Range	5000W	50000W	6000W	60000W
Resolution	84mW	840mW	96mW	960mW
Accuracy	± 0.5% of (Setting + Range)			
Constant Voltage Mode + Constant Current Mode				
Range	1250V	250A	1250V	300A
Resolution	20mV	4.2mA	20mV	4.8mA
Accuracy	±1.0% of (setting + Range)			
Constant Voltage Mode + Constant Power Mode				
Range	1250V	50000W	1250V	60000W
Resolution	20mV	840mW	20mV	960mW
Accuracy	±1.0% of (setting + Range)			
MPPT Mode				
Algorithm	P & O + Scanning			
Load mode	CC, CR,CV (MPPT C, R, V)			
Sampling interval	10ms~2000ms ; resolution 1ms			
P&O interval	10ms~2000ms ; resolution 1ms			
Memory situation	Discard old data and keep catching new data			
Dynamic Mode				
Timing				
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms			
Resolution	0.001 / 0.01 / 0.1 / 1ms			
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm			
Slew Rate	0.02A ~ 1.25A/μS	0.2A ~ 12.5A/μS	0.024A ~ 1.5A/μS	0.24A ~ 15A/μS
Resolution	0.005A/μS	0.05A/μS	0.006A/μS	0.06A/μS
Min. Rise Time	20μs(typical)			
Current				
Range	0 ~ 26.25A	26.25 ~ 250A	0 ~ 30A	30 ~ 300A
Resolution	0.42mA	4.2mA	0.48mA	4.8mA
Measurement				
Voltage Read Back				
Range (5 Digital)	0 ~ 125V	125 ~ 1250V	0 ~ 125V	125 ~ 1250V
Resolution	2mV	20mV	2mV	20mV
Accuracy	± 0.025% of (Reading + Range)			
Current Read Back				
Range (5 Digital)	0 ~ 26.25A	26.25 ~ 250A	0 ~ 30A	30 ~ 300A
Resolution	0.42mA	4.2mA	0.48mA	4.8mA
Accuracy	± 0.1% of (Reading + Range)			
Power Read Back				
Range (5 Digital)	10000W	50000W	10000W	60000W
Resolution	0.1W	1W	0.1W	1W
Accuracy	± 0.125% of (Reading + Range)			
General				
Short Circuit				
Current	250A		300A	
Load ON Voltage				
	0 ~ 250V			
Load OFF Voltage				
	0 ~ 250V			
Emergency Stop Input (选购)				
	Key & TTL			
Analog Control (选购)				
	CC / CV / CP / CC+CV / CP+CV			
Power Consumption				
	5450Wmax		6200Wmax	
Operating Temperature²				
	0~40°C			
Dimension (HxWxD)				
	1353x853x766mm		1508x853x766mm	
HxWxD (Not included wheels)				
	1249x853x766mm		1405x853x766mm	
Weight				
	510 Kg		630 kg	
Safety & EMC				
	CE			

冷却方式：智慧型风扇冷却
 输入电源：200~230 Vac ±10%，50/60Hz

注*1:CC Mode 可強制于rangeII
 注*2:操作温度范围为0~40°C，此规格表内之精确度适用于25°C±5°C

型号	电压	电流	功率	高度	订货编号
W-ETL 34105	0~60V	0~1000A	0~5 KW	469 mm	0030501
W-ETL 34110	0~60V	0~1000A	0~10 KW	469 mm	0030502
W-ETL 34115	0~60V	0~1000A	0~15 KW	625 mm	0030503
W-ETL 34120	0~60V	0~1000A	0~20 KW	781 mm	0030504
W-ETL 34125	0~60V	0~1000A	0~25 KW	937 mm	0030505
W-ETL 34130	0~60V	0~1000A	0~30 KW	1093 mm	0030506
W-ETL 34135	0~60V	0~1000A	0~35 KW	1249 mm	0030507
W-ETL 34140	0~60V	0~1000A	0~40 KW	1405 mm	0030508
W-ETL 34205	0~600V	0~160A	0~5 KW	469 mm	0030513
W-ETL 34210	0~600V	0~320A	0~10 KW	469 mm	0030514
W-ETL 34215	0~600V	0~480A	0~15 KW	625 mm	0030515
W-ETL 34220	0~600V	0~640A	0~20 KW	781 mm	0030516
W-ETL 34225	0~600V	0~800A	0~25 KW	937 mm	0030517
W-ETL 34230	0~600V	0~960A	0~30 KW	1093 mm	0030518
W-ETL 34235	0~600V	0~1120A	0~35 KW	1249 mm	0030519
W-ETL 34240	0~600V	0~1280A	0~40 KW	1405 mm	0030520
W-ETL 34250	0~600V	0~210A	0~50 KW	1249 mm	0030521
W-ETL 34260	0~600V	0~240A	0~60 KW	1405 mm	0030522
W-ETL 34305	0~1000V	0~50A	0~5 KW	469 mm	0030523
W-ETL 34310	0~1000V	0~100A	0~10 KW	469 mm	0030524
W-ETL 34315	0~1000V	0~150A	0~15 KW	625 mm	0030525
W-ETL 34320	0~1000V	0~200A	0~20 KW	781 mm	0030526
W-ETL 34325	0~1000V	0~250A	0~25 KW	937 mm	0030527
W-ETL 34330	0~1000V	0~300A	0~30 KW	1093 mm	0030528
W-ETL 34335	0~1000V	0~350A	0~35 KW	1249 mm	0030529
W-ETL 34340	0~1000V	0~400A	0~40 KW	1405 mm	0030530
W-ETL 34350	0~1000V	0~500A	0~50KW	1249mm	0030531
W-ETL 34360	0~1000V	0~600A	0~60 KW	1405mm	0030532
W-ETL 34405	0~1250V	0~25A	0~5 KW	469mm	0030533
W-ETL 34410	0~1250V	0~50A	0~10 KW	469mm	0030534
W-ETL 34415	0~1250V	0~75A	0~15 KW	625mm	0030535
W-ETL 34420	0~1250V	0~100A	0~20 KW	781mm	0030536
W-ETL 34425	0~1250V	0~125A	0~25 KW	937mm	0030537
W-ETL 34430	0~1250V	0~150A	0~30 KW	1093mm	0030538
W-ETL 34435	0~1250V	0~175A	0~35 KW	1249mm	0030539
W-ETL 34440	0~1250V	0~200A	0~40 KW	1405mm	0030540
W-ETL 34450	0~1250V	0~250A	0~50 KW	1249mm	0030541
W-ETL 34460	0~1250V	0~300A	0~60 KW	1405mm	0030542

Wisdom 科技服务

选型指南

电源线和端子 (插头)

鉴于电源线和端子的数量受场地限制，此系列电源并未配置电源和端子。用户需要根据所在国家/地区的电源要求自行准备。

机柜套件

系统集成机柜包含机械件主体、电网连接插头、安规紧急开关、铜条及主从连线。机柜内布线合理，达到可以开机工作的状态；机柜内部布置电源线的接入，接出端子；负载机柜组装完成之后，进行测试，连通上位就可以进行工作。

一年免费保修

Wisdom 科技卓越的产品可靠性和 1 年的免费保修服务完美结合，从另一途径帮助您实现测试测量、降低使用成本、增强操作可靠性。

Wisdom 科技 增值方案

五年的扩展保修保护以及持续的计量校准投入，可确保您的仪器符合规范要求，精确的测量让您可以继续高枕无忧。

Wisdom Technology

公司总部位于美国，是功率控制领域中质量、精准、创新的品牌代表之一，Wisdom 不断扩大其宽泛的产品和解决方案、以及在客户中的强大声誉。事实上，如我们的客户所预期，作为有名的功率控制领域公司之一，Wisdom 持续开发先进的技术和创新产品，解决当今的分析问题。主要面向测试与测量、军工、航天、航空、通讯、工业、科研、汽车电子、计算机及政府机构。除了我们的标准产品，我们还为客户量身定制，以帮助客户提供特定或特殊的测试要求。

主要产品

公司提供种类齐全的功率控制产品及技术解决方案，Power Supply and Load 涵盖 AC、DC、高精度、多通道、双极性、高电压、高电流、脉冲等电源及负载特性，凭借高品质的功率控制仪器，根据客户不同的定位进行定向开发，是公司现在和未来发展提供测试解决方案的发展方向。

增值服务

我们的服务理念是要成为功率控制领域的前沿公司。我们会在产品的使用周期的每个阶段为客户提供完善的服务支持，我们可提供广泛的定制化服务选项，在产品开发阶段，我们的技术团队及合作伙伴就会跟客户一起进行规划，这样就能够早期阶段确定和满足详细的需求。除了我们提供的标准质保期以外，我们还为客户提供产品的延保服务，通过我们的及时，优质及高效的响应跟进，以满足客户的需求。

校准服务

提供产品校准周期的建议时间及执行标准，保证产品的系统参数的准确，在需要的情况下对仪器参数进行硬件及软件调整，提供校准证书及测试报告。

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