

Parameter	IT8615	V1.4
AC Section		
Input parameter	Input voltage	50-420Vrms , 600V peak
	Current	0-20Arms ,60Apeak
	Power	0-1800VA
	Frequency	45-450Hz
CC mode *1	Range	0.1-20Arms
	Resolution	2mA
	Accuracy	±(0.1%+0.2%FS)
CR mode *2	Range	3Ω~2.5KΩ
	Resolution	16bit
	Accuracy	0.2% +0.01S
CP mode	Range	1800W
	Resolution	0.4W
	Accuracy	0.5%+0.5%FS
Crest Factor(CF) (in CP and CC mode)	Range	1.414-5.0
	Resolution	0.005
	Accuracy	(0.5% / Irms) + 1% FS
Power Factor (PF)	Range	0-1 lead or lag
	Resolution	0.001
DC Section		
Input parameter	Input voltage	10V-600V
	Input current	0.1A-20A
	Input power	0-1800VA
Operating Mode	CC, CV, CR and CP	
Short Circuit Simulation	The maximum power or current in CC mode	
Meter		
Current *1	Range	0-60A
	Resolution	1mA
	Accuracy	0.1%+0.2%FS+0.1%*CF^2*KHZ

Parameter		IT8615	V1.4
Voltage <small>*1</small>	Range	0-600V	
	Resolution	10mV	
	Accuracy	0.1%+0.1%FS	
Meter (continue)			
Other Parameters	S(VA), Q(VAR), P(W), Ip+, Ip-, Freq, THDv, CF, PF, R, FFT		
Other			
Vmonitor	±600V/±10V(Isolation)		
Imonitor	±60A/±10V(Isolation)		
Protection	OCP: 21Arms,OVP: 430Vrms,OPP: 1900W,OTP: 85°C		
Interface	GPIB, USB, LAN		
Dimension(WxHxD)	482.5 mm x 133mm x 600.6mm		
Weight	25Kg		
Power Supply Input	Voltage	100-240V AC	
	Frequency	47-63 Hz	
	Fuse	3.15A	
	Power	150VA	

*1. Typical parameter values in case of the 45-100HZ.

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.2\%+0.01), 1/(1/R-(1/R)*0.2\%-0.01)$

Test condition: The voltage/current input is no less than 10% FS

*3. Operating temperature: 0-40°C , temperature coefficient: 100ppm/°C

Parameter		IT8615L	V1.1
AC Section			
Input parameter	Input voltage	15~260Vrms , 360V peak	
	Current	0~20Arms ,60Apeak	
	Power	0~1800VA	
	Frequency	45~450Hz	
CC mode <small>*1</small>	Range	0.1~20Arms	
	Resolution	2mA	
	Accuracy	±(0.1%+0.2%FS)	
CR mode <small>*2</small>	Range	3Ω~2.5KΩ	
	Resolution	16bit	
	Accuracy	0.2% +0.01S	
CP mode	Range	1800W	
	Resolution	0.4W	
	Accuracy	0.5%+0.5%FS	
Crest Factor(CF) (in CP and CC mode)	Range	1.414~5.0	
	Resolution	0.005	
	Accuracy	(0.5% / Irms) + 1% FS	
Power Factor (PF)	Range	0-1 lead or lag	
	Resolution	0.001	
DC Section			
Input parameter	Input voltage	10~ 360	
	Input current	0.1~20A	
	Input power	0~1800 VA	
Operating Mode	CC, CV, CR and CP		
Short Circuit Simulation	The maximum power or current in CC mode		
Meter			
Current <small>*1</small>	Range	0~60A	
	Resolution	1mA	
	Accuracy	0.1%+0.2%FS+0.1%*CF^2*KHZ	
Voltage	Range	0~360V	

Parameter		IT8615L	V1.1
*1	Resolution	10mV	
	Accuracy	0.1%+0.1%FS	
Meter (continue)			
Other Parameters	S(VA),Q(VAR),P(W),Ip+,Ip-,Freq,THDv,CF,PF,R,FFT		
Other			
V monitor	±360v/±10V(Isolation)		
I monitor	±60A/±10V(Isolation)		
Protection	OCP:21Arms,OVP:286Vrms,OPP:1900W,OTP:85°C		
Interface	GPIB、USB、LAN		
Dimension(WxHxD)	482.5 mm x 133mm x 600.6mm		
Weight	25Kg		
Power Supply Input	Voltage	100~240V AC	
	Frequency	47~63 Hz	
	Fuse	3.15A	
	Power	150VA	

*1. Typical parameter values in case of the 45-100HZ.

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.2\%+0.01), 1/(1/R-(1/R)*0.2\%-0.01))$.

Test condition: The voltage/current input is no less than 10% FS

The above specifications may be subject to change without prior notice.

Parameter		IT8616	V1.3
AC Section			
Input parameter	Input voltage	50~420Vrms , 600V peak	
	Current	0~40Arms ,120Apeak	
	Power	0-3600W	
	Frequency	45~450Hz	
CC mode <i>*1</i>	Range	0.2~40Arms	
	Resolution	2mA	
	Accuracy	±(0.1%+0.2%FS)	
CR mode <i>*2</i>	Range	1.5Ω~1.25KΩ	
	Resolution	16bit	
	Accuracy	0.2% +0.02S	
CP mode	Range	3600W	
	Resolution	0.4W	
	Accuracy	0.5%+0.5%FS	
Crest Factor(CF) (in CP and CC mode)	Range	1.414~5.0	
	Resolution	0.005	
	Accuracy	(1% / Irms) + 1% FS	
Power Factor (PF)	Range	0~1 lead or lag	
	Resolution	0.001	
DC Section			
Input parameter	Input voltage	10- 600V	
	Input current	0.2~40A	
	Input power	0-3600W	
Operating Mode	CC、CR、CP		
Short Circuit Simulation	The maximum power or current in CC mode		
Meter			
Current	Range	0-120A	
	Resolution	1mA	
	Accuracy	0.2%+0.2%FS+0.2%*CF^2*KHZ	

Parameter		IT8616	V1.3
voltage	Range	0-600V	
	Resolution	10mV	
	Accuracy	0.1%+0.1%FS	
Meter (continue)			
Other Parameters	S(VA),Q(VAR),P(W),Ip+,Ip-,Freq,THDv,CF,PF,R,FFT		
Other			
V monitor	±600v/±10V(Isolation)		
I monitor	±120A/±10V(Isolation)		
Protection	OCP:42Arms,OVP:430Vrms,OPP:3700W,OTP:85°C		
Interface	GPIB、USB、LAN		
Dimension	side plate structure: 483.00mm(W) *348.99mm (H)*641.08mm (D) cabinet: 50.0000 (W)*801.40 (H)*839.10mm (D)		
Weight	side plate structure: 68KG cabinet: 120KG		
Power Supply Input	Voltage	100-240V AC	
	Frequency	47-63 Hz	
	Power	300VA	

*1. Typical parameter values in case of the 45-100HZ.

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.2\%+0.01), 1/(1/R-(1/R)*0.2\%-0.01)$

Test condition: The voltage/current input is no less than 10% FS

*3. Operating temperature: 0-40°C , temperature coefficient: 100ppm/°C

Parameter	IT8617 (AC/DC Load)		V1.3
AC Section			
Parameter	Input voltage	50~420Vrms, 600V peak	
	Input current	0~60Arms, 180A peak	
	Input power	0-5400W	
	Frequency	45~450Hz	
CC mode *1	Range	0.3~60Arms	
	Resolution	2mA	
	Accuracy	±(0.1%+0.2%FS)	
CR mode *2	Range	1Ω~833Ω	
	Resolution	16bit	
	Accuracy	0.2% +0.02S	
CP mode	Range	5400W	
	Resolution	0.4W	
	Accuracy	0.5%+0.5%FS	
Crest Factor(CF) (CP,CC mode)	Range	1.414~5.0	
	Resolution	0.005	
	Accuracy	(1.5% / Irms) + 1% FS	
Power Factor (PF)	Range	0~1 lead or lag	
	Resolution	0.001	
DC Section			
Rating value	Input voltage	10~600V	
	Input current	0.3~60A	
	Input power	0-5400W	
Working mode	CC,CP,CR		
Short circuit simulation	The max. power point or max. current in CC mode		
Meter			
Current	Range	0-180A	
	Resolution	1mA	
	Accuracy	0.2%+0.2%FS+0.2%*CF^2*KHZ	
Voltage	Range	0-600V	
	Resolution	10mV	
	Accuracy	0.1%+0.1%FS	
Meter(Continue)			
Other parameter	S(VA),Q(VAR),P(W),Ip+,Ip-,Freq,THDv,CF,Pf,R,FFT		
Other			
Voltage Monitor	±600V/±10V(Isolated)		
Current Monitor	±180A/±10V(Isolated)		
Protection	OCP:63Arms,OVP:430Vrms,OPP:5500 W,OTP:85°C		
Interface	GPIB、USB、LAN		
Dimension	side plate structure: 483.00mm (W)*482.34mm(H)*641.08mm(D) cabinet: 550.0000mm (W)*801.40(H)*807.5mm(D)		
Weight	side plate structure: 98KG cabinet: 145KG		
AC Input	Voltage	100-240V AC	
	Frequency	47-63Hz	
	Power	450VA	
Parameter of each phase	IT8617 (AC/DC Load)		V1.2
	Three-Phase Mode		
	Delta or Star connection type are supported of IT8617.The connection		

	depends on user's testing requirement.	
AC Section		
Parameter	Input voltage	50~420Vrms, 600V peak
	Input current	0~20Arms, 60A peak
	Input power	0-1800VA
	Frequency	45~450Hz
CC mode	Range	0.1~20Arms
	Resolution	2mA
	Accuracy	±(0.1%+0.2%FS)
CR mode *2	Range	3Ω~2.5KΩ
	Resolution	16bit
	Accuracy	0.2% +0.01S
CP mode	Range	1800W
	Resolution	0.4W
	Accuracy	0.5%+0.5%FS
Crest Factor(CF) (CP,CC mode)	Range	1.414~5.0
	Resolution	0.005
	Accuracy	(0.5%* / Irms) + 1% FS
Power Factor (PF)	Range	0~1 lead or lag
	Resolution	0.001

*1, Typical condition: 45-100Hz

*2, Resistance accuracy range: $(1/(1/R+(1/R)*0.2%+0.01), 1/(1/R-(1/R)*0.2%-0.01)$

Test condition: voltage>10%FS, current>10%FS

*3 Operating Temperature:0~40°C. Temperature coefficient:100ppm/°C

Parameter		IT8624	V1.2
AC Section			
Input parameter	Input voltage	50~420Vrms , 600V peak	
	Current	0~80Arms ,240Apeak	
	Power	0-7.2kW	
	Frequency	45~450Hz	
CC mode <small>*1</small>	Range	0.4~80Arms	
	Resolution	2mA	
	Accuracy	±(0.2%+0.2%FS)	
CR mode <small>*2</small>	Range	0.75Ω~625Ω	
	Resolution	16bit	
	Accuracy	0.2% +0.01S	
CP mode	Range	7.2kW	
	Resolution	1W	
	Accuracy	0.5%+0.5%FS	
Crest Factor (CF) (in CP and CC mode)	Range	1.414~5.0	
	Resolution	0.005	
	Accuracy	(2% / Irms) + 1% FS	
Power Factor (PF)	Range	0~1 lead or lag	
	Resolution	0.001	
DC Section			
Input parameter	Input voltage	10-600V	
	Input current	0.4~80A	
	Input Power	0-7.2kW	
Operating mode	CC、CR、CP		
Short Circuit Simulation	The maximum power or current in CC mode		
Meter			
Current	Range	0-240A	
	Resolution	5mA	
	Accuracy	0.1%+0.2%FS+0.1%*CF^2*KHZ	
Voltage	Range	0-600V	

Parameter		IT8624	V1.2
	Resolution	10mV	
	Accuracy	0.1%+0.1%FS	
Meter (continue)			
Other Parameters	S(VA),Q(VAR),P(W),Ip+,Ip-,Freq,THDv,CF,PF,R,FFT		
Other			
V monitor	±600v/±10V(Isolation)		
I monitor	±240A/±10V(Isolation)		
Protection	OCP: 84Arms,OVP: 430Vrms,OPP: 7.5kW,OTP: 85°C		
Interface	GPIB、USB、LAN		
Dimension	24U		
Weight	-		
Power Supply Input	Voltage	100-240V AC	
	Frequency	47-63 Hz	
	Current	<7A(110V), <3.5A(220V)	

*1、Typical parameter values in case of the 45-100HZ

*2、The scope of read-back resistance is (1/(1/R+(1/R)*0.2%+0.01),1/(1/R-(1/R)*0.2%-0.01)

Test condition: The voltage/current input is no less than 10% FS.

Parameter		IT8625	V1.3
AC Section			
Input Parameter	Input Voltage	50~420Vrms , 600V peak	
	Current	0~100Arms ,300Apeak	
	Power	0-9kW	
	Frequency	45~450Hz	
CC mode <small>*1</small>	Range	0.5~100Arms	
	Resolution	2mA	
	Accuracy	±(0.5%+0.5%FS)	
CR mode <small>*2</small>	Range	0.6Ω~500Ω	
	Resolution	16bit	
	Accuracy	0.2% +0.02S	
CP mode	Range	9kW	
	Resolution	3W	
	Accuracy	0.5%+0.5%FS	
Crest Factor(CF) (in CP and CC mode)	Range	1.414~5.0	
	Resolution	0.005	
	Accuracy	(2.5% / Irms) + 1% FS	
Power Factor (PF)	Range	0~1 lead or lag	
	Resolution	0.001	
DC Section			
Input Parameter	Input Voltage	10-600V	
	Input Current	0.5~100A	
	Input Power	0-9kW	
Operating Mode	CC、CR、CP		
Short Circuit Simulation	The maximum power or current in CC mode.		
Meter			
Current	Range	0-300A	
	Resolution	0.1A	
	Accuracy	0.1%+0.2%FS+0.1%*CF^2*KHZ	
Voltage	Range	0-600V	

Parameter		IT8625	V1.3
	Resolution	10mV	
	Accuracy	0.1%+0.1%FS	
Meter (continue)			
Other Parameters	S(VA),Q(VAR),P(W),Ip+,Ip-,Freq,THDv,CF,PF,R,FFT		
Other			
V monitor	±600v/±10V(Isolation)		
I monitor	±300A/±10V(Isolation)		
Protection	OCP:110Arms,OVP:430Vrms,OPP:9.5kW,OTP:85°C		
Interface	GPIB、USB、LAN		
Dimension	550.0000mm (W) *1291.19 (H) *834.8mm (D)		
Weight	160KG		
Input Power Supply	Voltage	100-240V AC	
	Frequency	47-63 Hz	
	Current	<7.6A(110V), <3.8A(220V)	

*1、Typical parameter values in case of the **45-100HZ**

*2、The scope of read-back resistance is (1/(1/R+(1/R)*0.2%+0.01),1/(1/R-(1/R)*0.2%-0.01)

Test condition: The voltage/current input is no less than 10% FS.

Parameter		IT8626	V1.3
AC Section			
Input Parameter	Input Voltage	50~420Vrms , 600V peak	
	Current	0~120Arms ,360Apeak	
	Power	0-10.8kW	
	Frequency	45~450Hz	
CC mode *1	Range	0.1~120Arms	
	Resolution	20mA	
	Accuracy	±(0.5%+0.5%FS)	
CR mode *2	Range	0.5Ω~416.6Ω	
	Resolution	16bit	
	Accuracy	0.2% +0.02S	
CP mode	Range	10.8kW	
	Resolution	3W	
	Accuracy	0.5%+0.5%FS	
Crest Factor (CF) (in CP and CC mode)	Range	1.414~5.0	
	Resolution	0.005	
	Accuracy	(3% / Irms) + 1% FS	
Power Factor (PF)	Range	0~1 lead or lag	
	Resolution	0.001	
DC Section			
Input Parameter	Input Voltage	10-600V	
	Input Current	0.1~120A	
	Input Power	0-10.8kW	
Operating Mode	CC、CR、CP		
Short Circuit Simulation	The maximum power or current in CC mode.		
Meter			
Current	Range	0-360A	
	Resolution	0.1A	
	Accuracy	0.1%+0.2%FS+0.1%*CF^2*KHZ	
Voltage	Range	0-600V	

Parameter		IT8626	V1.3
	Resolution	10mV	
	Accuracy	0.1%+0.1%FS	
Meter (continue)			
Other Parameters	S(VA),Q(VAR),P(W),Ip+,Ip-,Freq,THDv,CF,PF,R,FFT		
Other			
V monitor	$\pm 600V/\pm 10V$ (Isolation)		
I monitor	$\pm 360A/\pm 10V$ (Isolation)		
Protection	OCP: 125Arms,OVP: 430Vrms,OPP: 11kW,OTP: 85°C		
Interface	GPIB、USB、LAN		
Dimension	550.0000mm (W) *1291.19 (H) *834.8mm (D)		
Weight	185KG		
Input Power Supply	Voltage	100-240V AC	
	Frequency	47-63 Hz	
	Current	<9A(110V), <4.5A(220V)	

*1、Typical parameter values in case of the 45-100HZ

*2、The scope of read-back resistance is $(1/(1/R+(1/R)*0.2\%+0.01), 1/(1/R-(1/R)*0.2\%-0.01)$

Test condition: The voltage/current input is no less than 10% FS.

Parameter		IT8627	V1.3
AC Section			
Input Parameter	Input Voltage	50~420Vrms , 600V peak	
	Current	0~140Arms ,420Apeak	
	Power	0-12.6kW	
	Frequency	45~450Hz	
CC mode *1	Range	0.7~140Arms	
	Resolution	20mA	
	Accuracy	±(0.5%+0.5%FS)	
CR mode *2	Range	0.5Ω~350Ω	
	Resolution	16bit	
	Accuracy	0.2% +0.02S	
CP mode	Range	12.6kW	
	Resolution	3W	
	Accuracy	0.5%+0.5%FS	
Crest Factor(CF) (in CP and CC mode)	Range	1.414~5.0	
	Resolution	0.005	
	Accuracy	(3.5% / Irms) + 1% FS	
Power Factor (PF)	Range	0~1 lead or lag	
	Resolution	0.001	
DC Section			
Input Parameter	Input Voltage	10-600V	
	Input Current	0.7~140A	
	Input Power	0-12.6kW	
Operating Mode	CC、CR、CP		
Short Circuit Simulation	The maximum power or current in CC mode.		
Meter			
Current	Range	0-420A	
	Resolution	0.1A	
	Accuracy	0.1%+0.2%FS+0.1%*CF^2*KHZ	
Voltage	Range	0-600V	

Parameter		IT8627	V1.3
	Resolution	10mV	
	Accuracy	0.1%+0.1%FS	
Meter (continue)			
Other Parameters	S(VA),Q(VAR),P(W),Ip+,Ip-,Freq,THDv,CF,PF,R,FFT		
Other			
V monitor	±600v/±10V(Isolation)		
I monitor	±420A/±10V(Isolation)		
Protection	OCP: 150rms,OVP: 430Vrms,OPP: 12.6kW,OTP: 85°C		
Interface	GPIB、USB、LAN		
Dimension	550.0000mm (W) *1869.75 (H) *834.8mm (D)		
Weight	205KG		
Input Power Supply	Voltage	100-240V AC	
	Frequency	47-63 Hz	
	Current	<10.4A(110V), <5.2A(220V)	

*1、Typical parameter values in case of the 45-100HZ

*2、The scope of read-back resistance is ($1/(1/R+(1/R)*0.2\%+0.01), 1/(1/R-(1/R)*0.2\%-0.01$)

Test condition: The voltage/current input is no less than 10% FS.

Parameter		IT8628	V1.3
AC Section			
Input Parameter	Input Voltage	50~420Vrms , 600V peak	
	Current	0~160Arms ,480Apeak	
	Power	0-14.4kW	
	Frequency	45~450Hz	
CC mode <small>*1</small>	Range	0.8~160Arms	
	Resolution	2mA	
	Accuracy	±(0.5%+0.5%FS)	
CR mode <small>*2</small>	Range	0.375Ω~312.5Ω	
	Resolution	16bit	
	Accuracy	0.2% +0.02S	
CP mode	Range	14.4kW	
	Resolution	3W	
	Accuracy	0.5%+0.5%FS	
Crest Factor(CF) (in CP and CC mode)	Range	1.414~5.0	
	Resolution	0.005	
	Accuracy	(4% / Irms) + 1% FS	
Power Factor (PF)	Range	0~1 lead or lag	
	Resolution	0.001	
DC Section			
Input Parameter	Input Voltage	10-600V	
	Input Current	0.8~160A	
	Input Power	0-14.4kW	
Operating Mode	CC、CR、CP		
Short Circuit Simulation	The maximum power or current in CC mode.		
Meter			
Current	Range	0-480A	
	Resolution	0.1A	
	Accuracy	0.1%+0.2%FS+0.1%*CF^2*KHZ	
Voltage	Range	0-600V	

Parameter	IT8628	V1.3
Resolution	10mV	
	0.1%+0.1%FS	
Meter (continue)		
Other Parameters	S(VA),Q(VAR),P(W),Ip+,Ip-,Freq,THDv,CF,PF,R,FFT	
Other		
V monitor	±600v/±10V(Isolation)	
I monitor	±480A/±10V(Isolation)	
Protection	OCP: 185rms,OVP: 430Vrms,OPP: 14.6kW,OTP: 85°C	
Interface	GPIB、USB、LAN	
Dimension	550.0000mm (W) *1869.75 (H) *834.8mm (D)	
Weight	230KG	
Input Power Supply	Voltage	100-240V AC
	Frequency	47-63 Hz
	Current	<12A(110V), <6A(220V)

*1、Typical parameter values in case of the 45-100HZ

*2、The scope of read-back resistance is (1/(1/R+(1/R)*0.2%+0.01), 1/(1/R-(1/R)*0.2%-0.01))

Test condition: The voltage/current input is no less than 10% FS.