Matsusada Precision

High power Variable DC power supply

RE Series

NEW

Ultra Low Profile and High Power !
Programmable DC Power Supply

10V to 1000V / 750W to 15kW

RE series

www.matsusada.com

Our original switching technology has realized high power, compact and high efficient programmable DC power supply RE series.

RE series

- USB
- LAN
- RS-232C
- RS-485
- GPIB

Minimum heat release coupled with its compactness of 1/10 the size and 1/20 the weight of conventional power supply have enabled high-density mounting. RE's low power consumption contributes to low running cost and environmental issues. Various remote control and monitor functions are standard and digital interface is available as option, which enable RE to support various systems.
The best model can be chosen for your application from wide lineup of 140 models, from 10V to 650V, and 750W to 15kW. Upgrading of up to 60kW is possible with master / slave option.

Lineup (UL marked model is available. Please ask to sales offices.)

Output voltage (V)	Output current (A)	Output power (kW)	Model	Ripple (mVrms)	Ripple *1 (mArms)	Dimensions (Refer to P8,9)
10	75	750W	RE10-75	10	150	b
	110	1.1	RE10-110	10	220	b
	200	2	RE10-200	10	400	d
	300	3	RE10-300	15	600	d
	400	4	RE10-400	15	800	f
	450	4.5	RE10-450	30	900	f
	750	7.5	RE10-750	20	2400	h*2
	820	8.2	RE10-820	30	3600	h*2
	1000	10	RE10-1000	30	4800	h*2
	1200	12	RE10-1200	30	4800	h*2
15	50	750W	RE15-50	10	100	a
	80	1.2	RE15-80	10	160	b
	120	1.8	RE15-120	10	250	d
	200	3	RE15-200	10	400	d
	250	3.75	RE15-250	15	500	f
	300	4.5	RE15-300	15	600	f
	500	7.5	RE15-500	30	2500	h
	560	8.4	RE15-560	30	2500	h
	700	10.5	RE15-700	35	3500	h*2

Output voltage (V)	Output current (A)	Output power (kW)	Model	Ripple (mVrms)	Ripple *1 (mArms)	Dimensions (Refer to P8,9)
20	38	760W	RE20-38	10	80	a
	60	1.2	RE20-60	10	120	a
	100	2	RE20-100	10	200	d
	150	3	RE20-150	15	300	d
	200	4	RE20-200	10	400	f
	250	5	RE20-250	15	500	f
	375	7.5	RE20-375	30	1200	h
	400	8	RE20-400	20	2400	h
	430	8.6	RE20-430	35	2400	h
	500	10	RE20-500	35	2400	h*2
	600	12	RE20-600	30	2400	h*2
30	25	750W	RE30-25	10	50	a
	40	1.2	RE30-40	15	80	a
	65	1.95	RE30-65	20	130	d
	100	3	RE30-100	20	200	d
	130	3.9	RE30-130	30	260	f
	170	5.1	RE30-170	30	340	f
	250	7.5	RE30-250	20	500	f
	290	8.7	RE30-290	30	700	h
	350	10.5	RE30-350	30	800	h
	400	12	RE30-400	20	800	h

Output voltage (V)	Output current (A)	Output power (kW)	Model	Ripple (mVrms)	Ripple *1 (mArms)	Dimensions (Refer to P8,9)
35	22	770W	RE35-22	10	50	a
	34	1.2	RE35-34	10	70	a
	60	2.1	RE35-60	20	120	d
	85	3	RE35-85	20	170	d
	115	4	RE35-115	20	230	f
	140	4.9	RE35-140	30	280	f
	215	7.5	RE35-215	35	1800	f
	240	8.4	RE35-240	35	2000	h
	300	10.5	RE35-300	35	2000	h
	340	11.9	RE35-340	35	2400	h
40	100	4	RE40-100	30	300	f
	220	8.8	RE40-220	30	350	h
45	17	765W	RE45-17	18	40	a
	27	1.2	RE45-27	18	60	a
	45	2	RE45-45	30	90	c
	66	3	RE45-66	30	130	d
	90	4	RE45-90	30	180	f
	110	5	RE45-110	45	220	f
	165	7.5	RE45-165	45	750	f
	220	9.9	RE45-220	45	1100	h
	260	11.7	RE45-260	45	1300	h
60	12.5	750W	RE60-12.5	20	25	a
	20	1.2	RE60-20	20	40	a
	35	2.1	RE60-35	15	70	c
	50	3	RE60-50	20	100	c
	67	4	RE60-67	20	135	f
	83	5	RE60-83	30	170	f
	125	7.5	RE60-125	30	350	f
	140	8.4	RE60-140	30	350	h
	170	10.2	RE60-170	35	500	h
	200	12	RE60-200	35	500	h
	220	13.2	RE60-220	35	500	h
	250	15	RE60-250	25	500	h
80	110	8.8	RE80-110	80	600	h
100	7.5	750W	RE100-7.5	20	15	a
	12	1.2	RE100-12	20	25	a
	20	2	RE100-20	20	40	c
	30	3	RE100-30	30	60	c
	40	4	RE100-40	30	80	e
	50	5	RE100-50	40	100	e
	75	7.5	RE100-75	60	300	f
	84	8.4	RE100-84	60	350	h
	100	10	RE100-100	100	800	h
	150	15	RE100-150	100	1000	h
150	5	750W	RE150-5	30	10	a
	8	1.2	RE150-8	30	20	a
	14	2.1	RE150-14	25	30	c
	20	3	RE150-20	30	40	c
	27	4	RE150-27	30	55	e
	33	5	RE150-33	60	70	e
	50	7.5	RE150-50	70	100	e
	56	8.4	RE150-56	70	100	g
	70	10.5	RE150-70	150	200	h
	100	15	RE150-100	100	200	h
160	27	4.3	RE160-27	30	55	e
	55	8.8	RE160-55	160	200	g

Output voltage (V)	Output current (A)	Output power (kW)	Model	Ripple (mVrms)	Ripple *1 (mArms)	Dimensions (Refer to P8,9)
200	3.8	760W	RE200-3.8	40	10	a
	6	1.2	RE200-6	40	15	a
	10	2	RE200-10	40	20	c
	15	3	RE200-15	40	30	c
	20	4	RE200-20	200	40	e
	25	5	RE200-25	200	50	e
	37	7.4	RE200-37	200	280	e
	42	8.4	RE200-42	150	200	g
	50	10	RE200-50	200	380	h
	75	15	RE200-75	200	530	h
250	35	8.7	RE250-35	100	150	g
300	2.5	750W	RE300-2.5	50	5	a
	4	1.2	RE300-4	50	10	a
	6.5	2	RE300-6.5	50	15	c
	10	3	RE300-10	50	20	c
	13	3.9	RE300-13	300	30	e
	16	4.8	RE300-16	300	35	e
	25	7.5	RE300-25	100	50	e
	28	8.4	RE300-28	100	50	g
	35	10.5	RE300-35	300	100	g
	50	15	RE300-50	150	100	g
350	21	7.35	RE350-21	150	100	e
	24	8.4	RE350-24	150	100	g
	28	9.8	RE350-28	150	100	g
	42	14.7	RE350-42	150	100	g
400	18.7	7.5	RE400-18.7	200	100	g
	37.5	15	RE400-37.5	200	100	g
450	16.7	7.5	RE450-16.7	200	50	g
	33.3	15	RE450-33.3	200	100	g
500	1.5	750W	RE500-1.5	150	5	a
	2.4	1.2	RE500-2.4	150	5	a
	4	2	RE500-4	150	10	c
	6	3	RE500-6	150	15	c
	8	4	RE500-8	500	20	e
	10	5	RE500-10	500	20	e
	15	7.5	RE500-15	200	50	e
	17	8.5	RE500-17	200	50	g
	20	10	RE500-20	500	100	g
	30	15	RE500-30	200	100	g
600	12.5	7.5	RE600-12.5	100	25	e
	25	15	RE600-25	100	50	g
650	1.2	780W	RE650-1.2	200	5	a
	1.8	1.2	RE650-1.8	200	5	a
	3	2	RE650-3	200	10	c
	4.5	2.9	RE650-4.5	200	10	c
	6	3.9	RE650-6	200	15	e
	7.7	5	RE650-7.7	200	20	e
	11	7.2	RE650-11	200	50	e
	13.5	8.8	RE650-13.5	250	50	g
	16	10.4	RE650-16	250	50	g
	23	15	RE650-23	300	100	g
750	10	7.5	RE750-10*3	300	30	*4
	20	15	RE750-20*3	300	50	*4
1000	7.5	7.5	RE1000-7.5*3	300	30	*4
	15	15	RE1000-15*3	300	50	*4

*1 Rated output current when output voltage is 10% to 100% of rationg.
*2 Height and number of fixing holes of busbar are different depending on the model.See P7 for details.
*3 To be released soon.
*4 Please contact our sales office.

Specifications

Output control	Local : Constant voltage : 10-turn potentiometer on front panel Constant current : 10-turn potentiometer on front panel Remote : Constant voltage : external control voltage 0 to 10Vdc or external variable resistor 0 to 10kΩ Constant current : external control voltage 0 to 10Vdc or external variable resistor 0 to 10kΩ
Voltage regulation	Line : 0.1% of maximum output (for AC±10% input change) Load : 0.1% of maximum output (for 10% to 100% load change) (for only RE10-1000and RE10-1200, load regulation is 0.15%)
Current regulation	Input : 0.1% of maximum output (for AC±10% input change) Load : 0.1% of maximum output (for 10% to 100% load change) (for only RE500-1.5, -2.4,650-1.2, -1.8, both line and load regulation are 0.2%)
Stability	0.05% / 8Hr of maximum output voltage
Temperature coefficient	0.02% / °C of maximum output voltage 0.03% / °C of maximum output current
Output display	Output voltage : 3-digit digital meter (accuracy is 1%FS ±1dgt) Output current : 3-digit digital meter (accuracy is 1%FS±1dgt)
Monitor output	Output voltage monitor : 10V / maximum output voltage Output current monitor : 10V / maximum output current
Protections	**Over voltage protection (OVP)** Output is cut off at a set value. Setting range : 5% to 110% of output voltage Local setting : 1-turn volume on front panel Remote setting : External control voltage of 0 to 10Vdc Reset : Manual recovery by OUTPUT switch or remote switch. **Over temperature protection (OTP)** Output is cut off when internal part is heated abnormally. Reset (after the temperature has gone down to normal) : Automatic recovery or manual recovery by POWER switch (selectable). **Input brownout(ACF) · Blackout protection** Output is cut off when input decreased by 20% or more. Reset (when normal voltage value or recovery from blackout) : Manual recovery by OUTPUT switch for blackout protection (re-output protection function). : Automatic recovery when blackout protection is canceled.
Other functions	Remote sensing Remote switch ON / OFF (TTL or external relay) Status signal output (CV, CC, FLT)
Transient response time	Recovery time 1ms (for 70%⇔100% load change)
Operation temperature	0 to +50°C (750W to 5.1kW) 0 to +40°C (7.35kW to 15kW)
Storage temperature	−20°C to +70°C
Strage humidity	20% to 80% RH (no condensation)
Dielectric voltage	Between input power supply and power supply, and between output terminals and chassis is AC1500V : 1 minute
Accessories	· 2.5m input AC cable for single phase, 3-pin type (only models of 2.1kW or less) (1) (AC input cable for three-phase is not attached. Please contact our sales office if any cable is needed.) · Instruction manual (1) · Remote connector cover (1) · Metal fitting to change input voltage (1) (up to 1.2kW models only)

separate

Single phase AC input cable (3-pin type)

25A / 250V single phase flying lead
Model CABLE TYPE 5 : Standard 2.5m length
CABLE TYPE 5( ) : Extended length(2.5m increment)
<e.g.> 5m : CABLE TYPE 5(5)

Three-phase AC input cable

25A / 250V for 1.8kW to 3kW models, flying lead
Model CABLE TYPE 6
75A / 250V for more than 3.75kW models, flying lead
Model CABLE TYPE 7

Input Voltage / Current

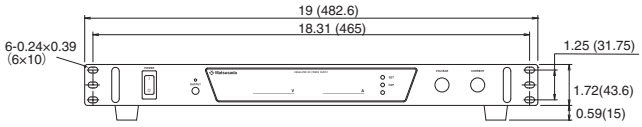
MODEL (Output power)		Input voltage ±10% (AC50 / 60Hz)	Phase	Input current			Input current protection
				When PFC (Typ.) *1	Normal (Typ.) *1	Rush(p-p)	
750W to 765W		115V	1	—	12A	60A	Fuse 30A
		230V			8A		
1.1kW to 1.2kW		115V	1	—	19A	90A	
		230V			11A		
1.8kW to 2.1kW		220V	1	—	17A	100A	
			3		10A		
2.9kW to 3kW		220V	3	—	14A	100A	
3.75kW to 4kW		220V	3	15A	19A	100A	Circuit protector 30A
4.5kW to 5.1kW		220V	3	16A	23A		
7.35kW to 7.5kW	10V, 15V	220V	3	25A	35A	100A	Circuit protector 60A
	20V to 60V				34A		
	over 100V				33A		
8kW to 10.5kW	10V, 15V	220V	3	36A	46A	100A	
	20V to 60V			34A	44A		
	over 100V			32A	41A		
11.7kW to 12kW		220V	3	40A	54A	150A	Circuit protector 100A(*2)
15kW		220V	3	50A	68A		

(*1) At rated input voltage

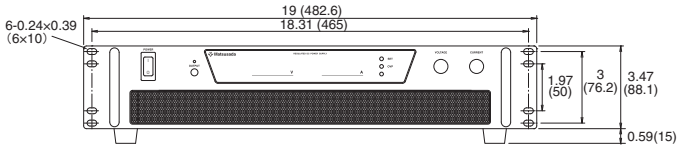
(*2)-LPfc option models : 60A

Dimensions inch (mm)

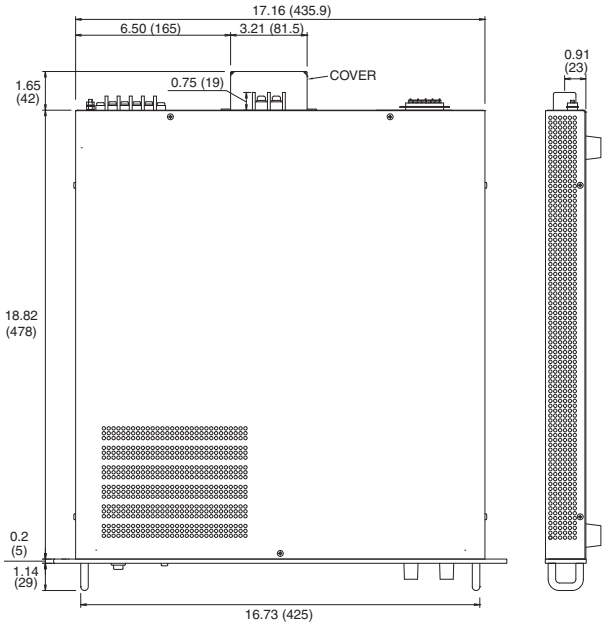
【1U size】 Inhaling hole is on side of unit.
Secure more than 4"(100mm) of space.



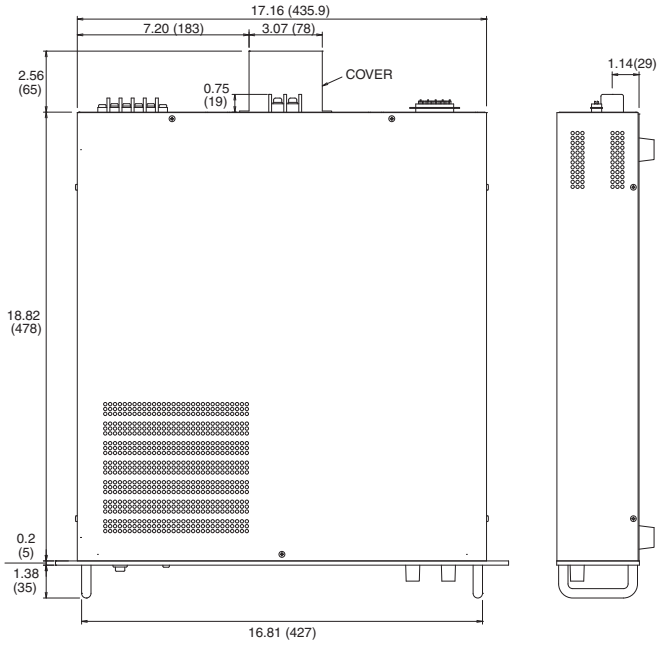
【2U size】 Inhaling hole is on front panel.
Secure more than 11.8"(300mm) of space.



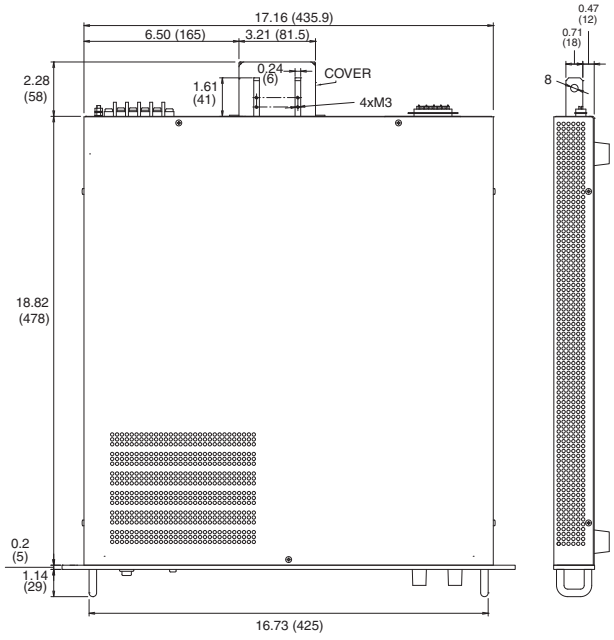
a.Terminal board type



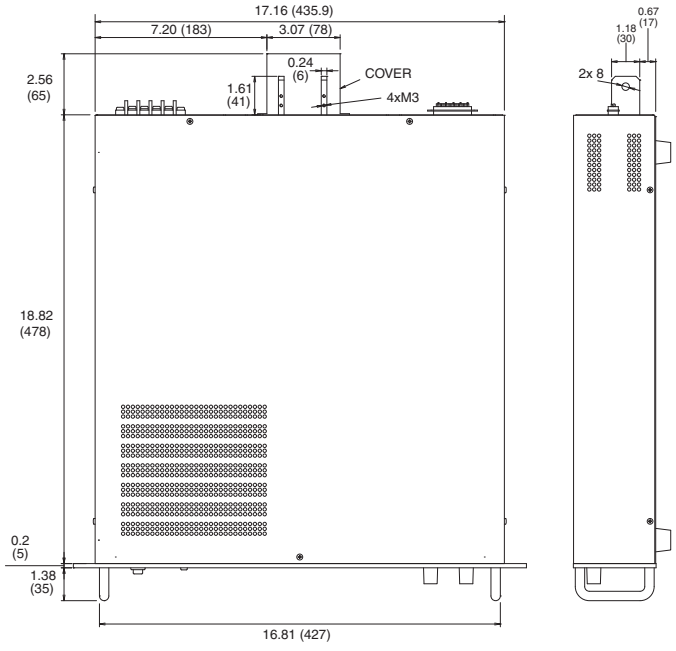
c.Terminal board type



b.Bus bar type

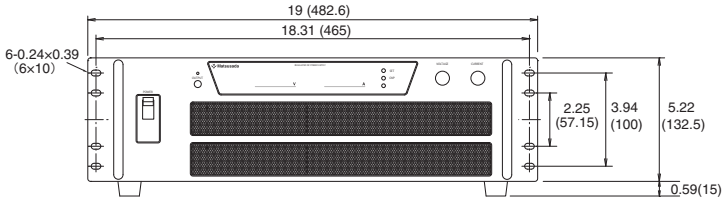


d.Bus bar type

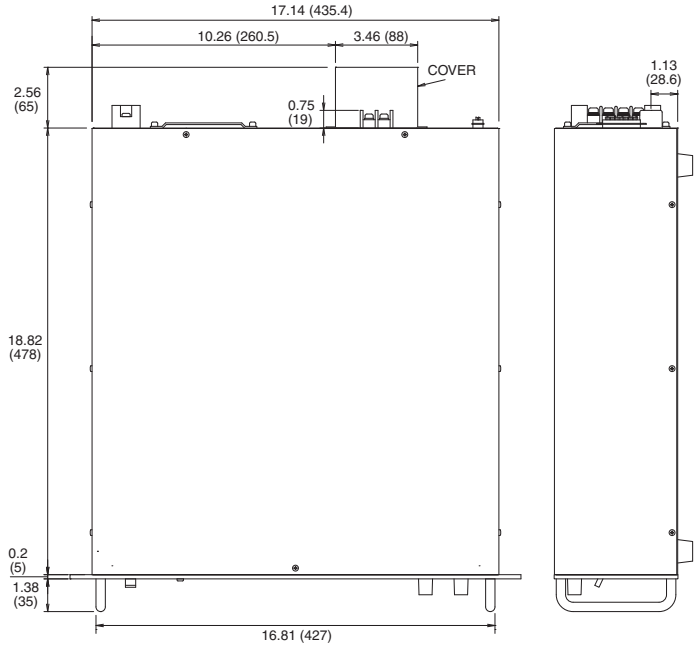


All models have exhaust hole for forced air cooling on rear panel.
When mounting on a cabinet where a space of1.18"(300mm) or
more cannot be secured, please arrange a measure such as forced draft vent.

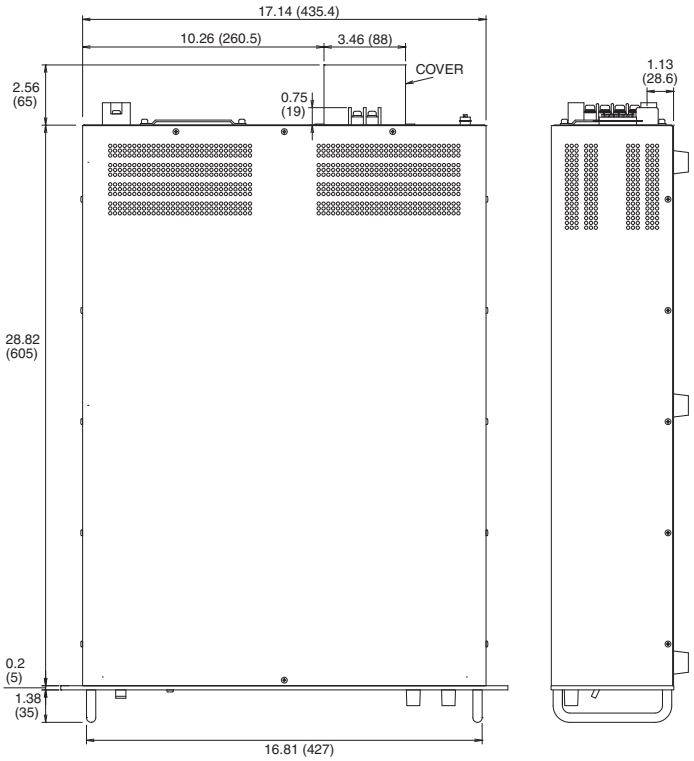
【3U size】 Inhaling hole is on front panel. Secure more than 11.8"(300mm) of space.



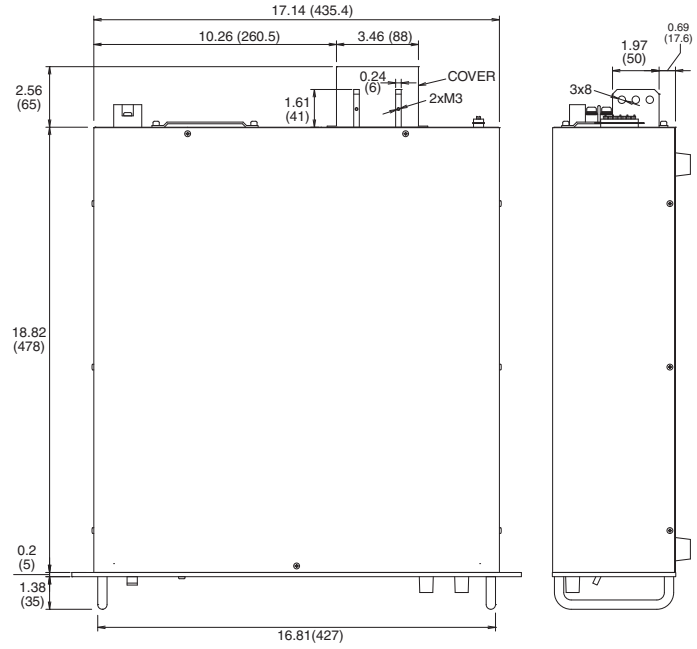
e.Terminal board type



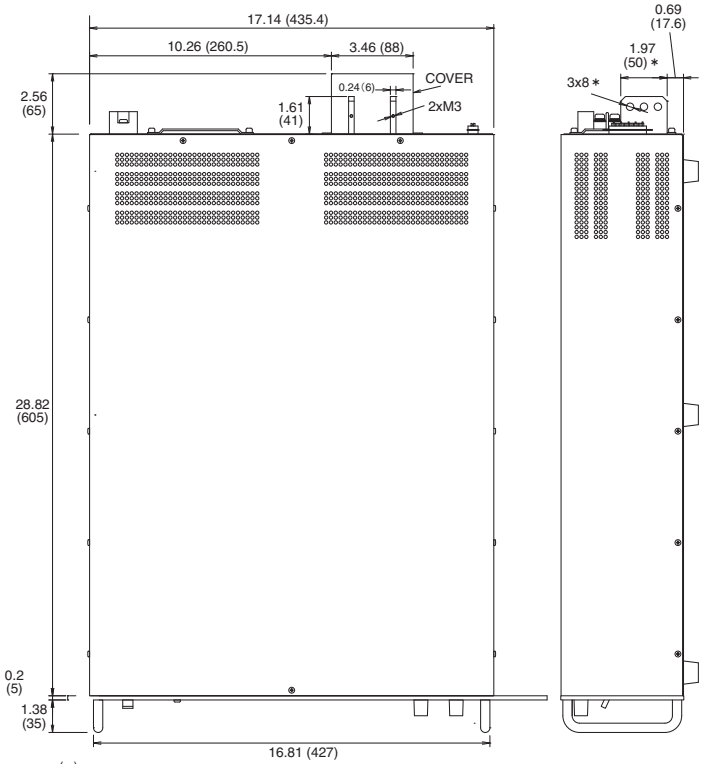
g.Terminal board type



f.Bus bar type



h .Bus bar type



(*) Height of busbars is 3.86"(98mm),number of holes is 6 for RE10-750,RE 10-820,RE10-1000,RE10-1200,RE15-700,RE20-500 and RE20-600.

Functions

Front

① **POWER ON/OFF switch**: This has priority over all operations for safety reasons.

② **OUTPUT ON/OFF switch**: This is used for urgent OFF or resume output in remote mode as well output ON/OFF in local mode. Also used for resetting protection function.

③ **OUTPUT ON display LED**

④ **Remote programming display**: This lights up during remote control of voltage or current.

⑤ **External switch OFF display**

⑥ **Fault display (FLT)**: This lights up when OVP, OTP or ACF has occurred.

⑦ **Remote enable display**: This lights up when controlling by built-in interface board.

⑧⑨ **Operation mode** (constant voltage or constant current)

⑩ **Output preset switch**: This is pressed down when output is being set by digital meter and output setting knob, then OUTPUT switch is turned ON to output.

⑪ **OVP setting switch**

⑫ **OVP setting volume**: This volume sets OVP setting value that is displayed on voltmeter when is pressed down.

⑬ **Communication status display** (only when interface board is built in)

⑭ **Only when option**
·USB/RS-232C / RS-485 / GPIB interface board
·Isolate remote program board

⑮ **Exhaust hole**

⑯ **AC input connector (M4)**
M6 type for model over 3.75kW

⑰ **GND terminal (M4)**

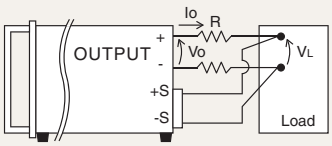
Rear

Function setting switch (SW1)

- **Voltage control**
  0V to 10V Local ↔ 0Ω to 10kΩ approx.
- **Current control**
  0V to 10V Local ↔ 0Ω to 10kΩ approx.
- **Over temperature protection**
  Manual reset ↔ Auto reset
- **Blackout protection**
  ON ↔ OFF(ON / OFF by AC)

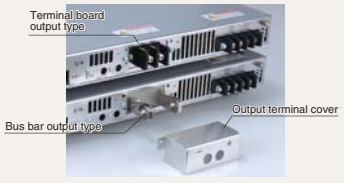
Remote sensing

Prevents voltage drop down (V_O-V_L) due resistance (R) or deterioration of stability by contact resistance (Max 0.5V)



Output terminal

The form differs depending on the MODEL. Please check which form in Dimension.

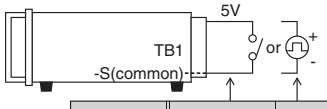


To an output terminal cover for terminal board models, two places of holes of 8mm in diameter are arranged as standard specifications.
A diameter bigger than 8mm is also available.
Please contact our sales office for details.

Remote control connector (TB1)

Remote/Local change

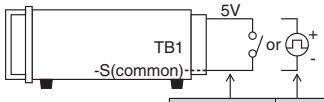
Each of voltage, current, OVP or all the modes can be switched by relay or TTL signal



MODE	Output relay	TTL
Remote	SHORT	LOW
Local	OPEN	HIGH

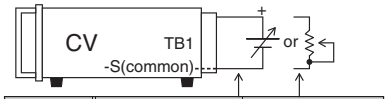
Remote switch ON/OFF

Output can be turned ON/OFF by relay or TTL signal. Logic of signal can be selected by entering 5V.

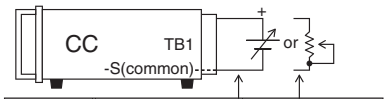


Output relay	TTL
SHORT	LOW
OPEN	HIGH

Output control



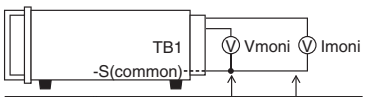
Vout	Vcon	R
0 to MAX	0Vdc to 10Vdc Input imp.500kΩ	0Ω to approx.10kΩ MAX 1mA



Iout	Icon	R
0 to MAX	0Vdc to 10Vdc Input imp.500kΩ	0Ω to approx.10kΩ MAX 1mA

Vmax ×5 to 110%	0Vdc to 10Vdc Input imp.20kΩ

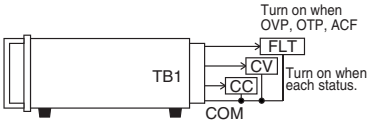
Output monitor



Output 0 to MAX	0Vdc to 10Vdc Output imp.1kΩ	0Vdc to 10Vdc Output imp.1kΩ

Status output

Common is floating in open collector output of common that is common to each.
Withstanding voltage 30Vdc.
Sink current 5mA or less.



*Please use TB1 in floating as TB1 and minus output is connected in the internal part.

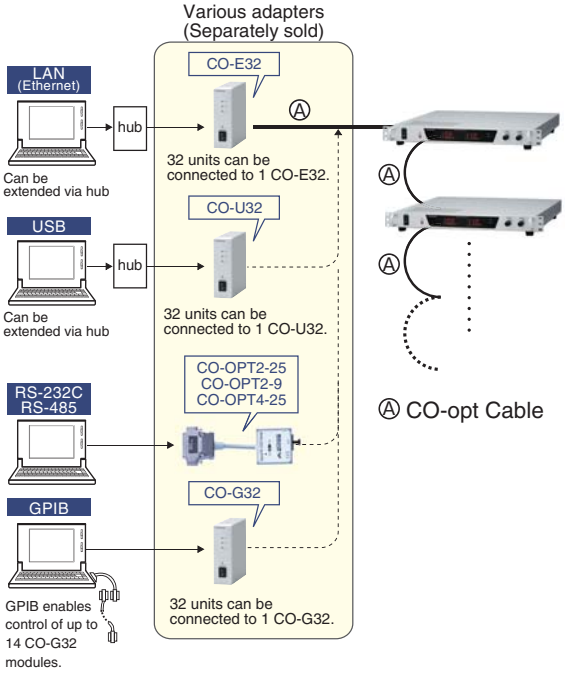
Options

*Please ask sales offices for Three-phase input AC cable.

-LGob : Optical Interface Board *1

-LGob : Optical Interface Board + 2 meters long optical cable
-LGob(Fc5) : Optical Interface Board + 5 meters long optical cable
-LGob(Fc10) : Optical Interface Board + 10 meters long optical cable
-LGob(Fc20) : Optical Interface Board + 20 meters long optical cable
-LGob(Fc40) : Optical Interface Board + 40 meters long optical cable

It is isolated by optical communication. It makes it possible to prevent malfunction caused by transient phenomenon such as surge, lightning, induction, and external noise due to perfectly isolated by optical fiber.



In case power supply will be use following condition, make sure this options selected.
- Noisy environment such as factories.
  (ex. usage of motor and coil around load or power supply)
- Usage on high voltage floating (more than 250V)
- In case the distance between power supply and controller (PC or PLC) is longer than 2-meter long.

-LUs1 USB interface board *1

-LEt Ethernet interface board *1

-LGb GPIB interface board *1

-LCp Constant power control *3
(Voltage control is eliminated.Limited at maximum rated voltage)

-LOcp Over current protection (OCP)*4
Cut off the output at set current value.Local setting only.
Setting range : 5% to 110% of maximum rated current
Local setting : 1-turn volume on front panel
Reset : Manual recovery by OUTPUT switch or remote swich

*1. These options cannot be selected together. Only one of each can be selected. And, when you connect “Load”, “RE series” and “PC”, if you prevent the influence on the PC by the noise that occurred with load, please choose -LGob option. With that in mind, we recommends using it combining our adapter (separated item).
*2. Ethernet is a registered trademark of Xerox Corporation.
*3. This option cannot be chosen simultaneously with -LGob, -LUs1, -LEt, -LGb or –LIs / -LIs10. However, in being required, please contact our sales office.
But, this option cannot be chosen simultaneously with –LOcp or –LMs.
*4. This option cannot be chosen simultaneously with –LCp.
*5. This option cannot be chosen simultaneously with –LCp.
When –LOcp is equipped, this function becomes the setting and operation in the power supply simple substance.
*6. -LPfc and -L(400V) cannot be chosen simultaneously.

-LIs / -LIs10 Isolated remote control *1
…Output control signal is isolated from common(=output⊖) so that floating of control signal is not required when negative output operation or series connection (isolation voltage from output⊖ is below 250V)

Output control [-LIs]
CV : External control voltage 0 to 5Vdc
CC : External control voltage 0 to 5Vdc
[-LIs10]
CV : External control voltage 0 to 10Vdc
CC : External control voltage 0 to 10Vdc

Monitor output [-LIs]
Output voltage monitor : 5V / Maximum output voltage
Output current monitor : 5V / Maximum output current
[-LIs10]
Output voltage monitor : 10V / Maximum output voltage
Output current monitor : 10V / Maximum output current

Other functions [-LIs / -LIs10]
Remote switch ON / OFF,
status signal output
(CC, OUTPUT and Stand-by)

-LMs Master slave control (models of less than 12kW)*5
…Maximum of four slave power supplies can be controlled from one master power supply (within the range where total of maximum rating is less than 60kW). Master power supply can be controlled not only by standard remote control but also -LGb, - LGob, - LIs / -LIs10. It is highly recommendable for user to select –LGob option and control multiple power supplies by Matsusada controller CO-MS series, in case, ①additional power supply may need to connect for the sake of higher power in future ②dynamic voltage regulation is critical, for example, connecting to inductive load such as motors or coils.
Master slave connection is only possible among RE series power supply of the same model only with same output voltage and current.

-LLp 10-turn potentiometer with lock (both voltage and current)
…only for models less than 300V

-LPfc Power factor correction circuit (Three-phase input of 3.75kW to15kW type only)*6
Size of the case will be different. Contact nearby sales office for more details for this option.

-L(220V) Input voltage : 220VAC±10%
For 750W to 1.2kW models
Input current will be about 105% of typical value(→P.5).

-L(230V) Input voltage : 230VAC±10%
For 1.8kW to 15kW models
Input current will be about 95% of typical value(→P.5).

-L(240V) Input voltage : 240VAC±10%
For all models
[The models that original input voltage is 230V]
Input current will be about 95% of typical value(→P.5).
[The models that original input voltage is 220V]
Input current will be about 90% of typical value(→P.5).

-L(400V) Input voltage : 400VAC±10%
For 7.5kW to 15kW models
Size of the case will be different. Contact nearby sales office for more details for this option.

Add above -L mark to the model number when ordering
<e.g> RE15-250-LGob(Fc5)LpPfc(240V)
<e.g> RE100-100-LIs10LpMsOcp(400V)
alphabetical, number order.

Introduction of other DC Power Supplies

We accept the consultation about the delivery date. Customization is also available.Please contact our sales office.

Ultra slim palm-sized DC power supply

R4K-36 series

Output voltage	0 to 36V
Output current	0 to 4A
Output power	0.2W to 36W

- The models which set and output the current with the 0.1mA increment are available.
- High resolution D/A,A/D converter integrated.
- USB interface is also available.

Low profile high power DC power supply

LXI (available by option) CE (except some models)

REK series

Output voltage	0 to 850V
Output current	0 to 1200A
Output power	1.3kW to 15kW

- 2U / 3U compact unit with high power output 5.5kW / 15kW.
- Various operations by connecting multiple power supplies, such as master/slave, is possible.
- Operability and safety are improved with new features.

Desk-top size high power DC power supply

RK series

Output voltage	0 to 650V
Output current	0 to180A
Output power	400W, 800W, 1.2kW

- Low noise, multiple functions, and digital communication.
- PFC circuit and universal input wound not select the place of operation.
- The sequence function enables the user to control the supply without a laptop option.

High power high voltage DC power supply

REH series

Output voltage	0 to1.2kV
Output current	0 to 20A
Output power	1.1kW to15kW

- Ultra low profile and space-saving design with 3.5", 5.2" height.
- Extensive safety design from high voltage experience and technology.
- Well suited for solar cell characteristic evaluation and power conditioner evaluation.

Ultra compact low profile DC power supply

REKJ series

Output voltage	0 to 650V
Output current	0 to 130A
Output power	800W

- The compact half rack and 1U low profile design.
- Ideal for research and development with low noise switching method.
- The sequence function enables the user to control the supply without a laptop option.

High-capacity DC power supply

REM series

Output voltage	0 to 1000V
Output current	0 to 6000A
Output power	20kW to 120kW

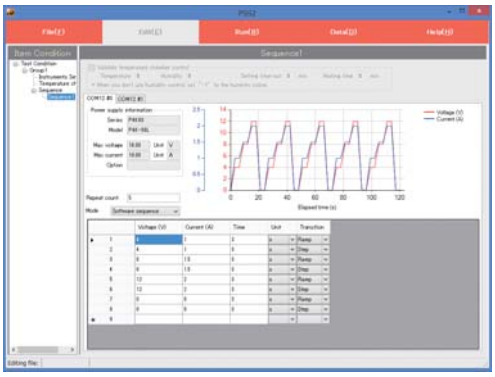
- The device that is also dividable for use is efficient for various different applications.
- Extendable up to 360kW, the device is suitable for cases requiring larger output.

PSS2

The sequence software for power supplies and electronic loads

PSS2 is the dedicated software which can actuate various power supplies, electronic loads and digital controller for power supplies manufactured by Matsusada Precision Inc. with simple set up. It is the perfect for the aging test, the burn-in test and the withstand voltage test for electronic parts, and for the endurance test, intermittent / continuous operation test or various simulation test for electric component of automobile.

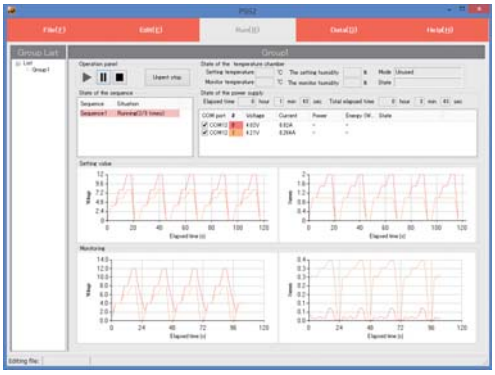
EXAMPLES FOR OPERATION OF PSS2



1

Set-up test condition

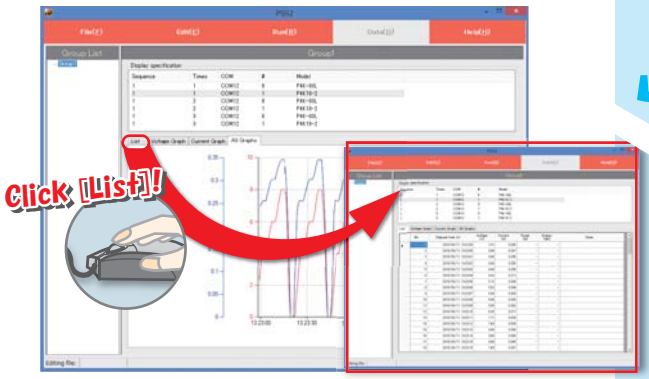
Make-up test conditions like as setting the power Supplies or action sequence and so on.
Number of settable sequence pattern is max. 16, it is possible to set various test conditions fitted the target like as selection of the action mode and setting of any protection function, etc.



2

Execution of Test

It is possible to test each group setup.
On the operation display, it is possible to monitor on the one screen required information like as sequence, the status of the thermostatic chamber and the power supply, and voltage / current at testing. Also when execute in parallel plural group, it is possible to monitor these status together.



3

Confirmation of Measured Data

It is possible the test data completed.
It is possible to confirm values of each sequence, the individual graph or the packaged graph. Also it is possible to output measured data with CSV style and then to sum up or analyze them with the spreadsheet software.

FAX

USA/Canada : +1-888-652-8651

other countries : +81-6-6150-5089

Customer Inquiry Sheet (RE series)

Please copy this page and above fax number after filling out form below.

■ I would like

☐ A quotation ☐ An explanation of product ☐ A demonstration ☐ To purchase

☐ Other ( )

■ Give us your requirement / comment

■ Please fill in below.

Address:	
Company:	
Dept.:	Title:
Name:	
Tel:	Fax:
E-mail:	

Matsusada Precision Inc.

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