

#### Forced-air cooling: Blank type





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1	Dimension —					
	L	*	W	*	Н	
	460	*	211	*	83.5 (2U)	mm
	18.1	*	8.3	*	3.29(2U)	inch

#### Water cooling: L type



Front

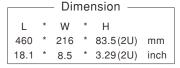


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Ordering No.: PGG1WHS-684





















## ■ Features

- 3  $\psi$  3-wire /  $\triangle$ 196~305VAC or 3  $\psi$  4-wire / Y 340~530VAC
- · High efficiency up to 95%
- · Water / forced air cooling selectable
- · Output voltage and constant current level programmable
- Wide voltage adjustment range 1~120%
- Active current sharing up to 4 units(28.5KW)
- · Built-in remote ON-OFF control / Alarm signal
- Protections: Short circuit / Overload / Over voltage / Over temperature / Fan fail
- 5 years warranty

## Applications

- Energy & power system
- U.V or laser diode application
- Electrolysis system
- · Factory control or automation apparatus
- · Burn-in facility
- · RF application
- · EV charging station

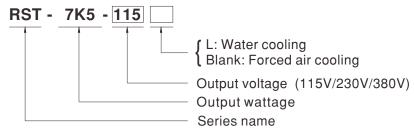
#### **■** GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

## Description

RST-7K5-HV is a 7.5KW 3  $\phi$  input enclosed type AC/DC power supply. This series operates for the wide range three phase AC input and offers the models with the high voltage DC output(115V/230V/380V) that mostly demanded from the industry. Two types of cooling methods, forced air and water cooling, that can be working at ambient temperature up to 70°C. Moreover, RST-7K5-HV provides vast design flexibility by equipping various built-in functions such as the output programming, active current sharing, remote ON-OFF control, alarm signals.....etc.

## ■ Model Encoding





#### **SPECIFICATION**

MODEL		RST-7K5-115	RST-7K5-230	RST-7K5-380		
	DC VOLTAGE (factory default)	115V	230V	380V		
	CURRENT (factory default)	65A	32.4A	19.77A		
	CURRENT RANGE	0 ~ 65A	0 ~ 34.5A	0 ~ 22.5A		
	RATED POWER	7475W	7452W	7515W		
	FULL POWER VOLTAGE RANGE	115 ~ 138V	216 ~ 260V	334 ~ 400V		
	RIPPLE & NOISE (max.) Note.2	1Vp-p	2Vp-p	4Vp-p		
OUTPUT		90 ~ 138V	170 ~ 260V	260 ~ 400V		
	VOLTAGE ADJ. RANGE	Can be adjusted via built-in potentiometer				
}	VOLTAGE TOLERANCE Note.3		±1.0%	±1.0%		
}	LINE REGULATION	±0.5%	±0.5%	±0.5%		
}	LOAD REGULATION	±0.5%	±0.5%	±0.5%		
}	SETUP, RISE TIME	3000ms, 200ms at full load	20.576			
-	,		Inma / 220\/A C/400\/A C at full load			
	HOLD UP TIME (Typ.)					
	VOLTAGE RANGE	$3 \psi 3W/\triangle 196 \sim 305 VAC \text{ or } 3 \psi 4W/Y 340 \sim$	-530VAC			
	FREQUENCY RANGE	47 ~ 63Hz				
	POWER FACTOR (Typ.)	≥0.98/230VAC(400VAC)/≥0.97/277VAC(				
NPUT	( ) ( )	94%	95%	95%		
	AC CURRENT (Typ.)	, ,	400VAC(3 ψ 4-wire / Y)			
	INRUSH CURRENT (Typ.)	, ,	400VAC(3 ψ 4-wire / Y)			
	LEAKAGE CURRENT	<3.5mA/Y 530VAC <10mA /△305VAC				
	OVERLOAD	100 ~ 107% of rated current				
	OVEREDAD	Protection type : Constant current limiting,	unit will shutdown after 5 sec. re-power on to	recover		
PROTECTION	OVER VOLTA CE	145 ~ 166V	273 ~ 312V	420 ~ 480V		
	OVER VOLTAGE	Protection type : Shut down o/p voltage, re-	-power on to recover			
	OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down				
	CURRENT SHARING	Up to 4 units. Please refer to the Function Manual				
	OUTPUT VOLTAGE PROGRAMMABLE	Adjustment of output voltage is allowable between 1 ~ 120% of nominal output voltage. Please refer to the PV curve Function Manual				
FUNCTION	CONSTANT CURRENT LEVEL PROGRAMMABLE	Adjustment of constant current level is allowable between 20 ~ 100% of rated current. Please refer to the Function Manual				
	REMOTE ON-OFF CONTROL	Please refer to the Function Manual				
	ALARM SIGNAL OUTPUT	AC fail, DC OK, fan fail, OTP. Please refer to the Function Manual				
	WORKING TEMP.	-30 ~ +70°C (Refer to "Derating Curve")				
	WORKING HUMIDITY	20 ~ 90% RH non-condensing				
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH non-condensing	1			
	TEMP. COEFFICIENT	±0.03%/°C (0~45°C)				
ļ	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes				
	SAFETY STANDARDS	UL62368-1, CAN/CSA C22.2 No. 62368-1, TUV BS EN/EN62368-1, EAC TP TC 004 approved				
		e.4 I/P-O/P:4.3KVDC I/P-FG:2.8KVDC O/P-FG:2.8KVDC				
		I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500				
		Parameter	Standard	Test Level / Note		
		Conducted	BS EN/EN55032 (CISPR32) / BS EN/EN55011 (CISPR11)			
	EMC EMISSION	Radiated	BS EN/EN55032 (CISPR32) / BS EN/EN55011 (CISPR11)			
ļ		Harmonic Current	BS EN/EN61000-3-2			
ì						
		Voltage Flicker	BS EN/EN61000-3-3			
SAFETY &		Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS B	BS EN/EN61000-3-3 EN/EN61000-6-2			
ЕМС		Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS E Parameter	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard	Test Level / Note		
МС		Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS E Parameter ESD	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact		
МС		Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS E Parameter ESD Radiated	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3		
МС	EMC IMMUNITY	Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS F Parameter ESD Radiated EFT / Burst	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3		
МС	EMC IMMUNITY	Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS F Parameter ESD Radiated EFT / Burst Surge	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 Level 3, 4KV/Line-Earth ; Level 3, 2KV/Line-Lin		
ЕМС	EMC IMMUNITY	Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS E Parameter ESD Radiated EFT / Burst Surge Conducted	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 Level 3 Level 4, 4KV/Line-Earth ; Level 3, 2KV/Line-Lin Level 3		
ЕМС	EMC IMMUNITY	Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS F Parameter ESD Radiated EFT / Burst Surge	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 Level 4, 4KV/Line-Earth ; Level 3, 2KV/Line-Lin Level 3 Level 4		
ЕМС	EMC IMMUNITY	Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS E Parameter ESD Radiated EFT / Burst Surge Conducted	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 Level 4, 4KV/Line-Earth ; Level 3, 2KV/Line-Lin Level 3 Level 4		
SAFETY & EMC (Note 8)	EMC IMMUNITY	Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS EP/EN61204-3, BS EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/E	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 Level 4, 4KV/Line-Earth ; Level 3, 2KV/Line-Lin Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods		
ЕМС		Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS EP/EN55024 , BS EN/EN61204-3, BS EP/EN61204-3, BS EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/E	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 Level 4, 4KV/Line-Earth ; Level 3, 2KV/Line-Lin Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods		
EMC Note 8)	MTBF	Voltage Flicker BS EN/EN55024 , BS EN/EN61204-3, BS EP/EN55024 , BS EN/EN61204-3, BS EP/EN61204-3, BS EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/EP/E	BS EN/EN61000-3-3 EN/EN61000-6-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 Icore); 27.1K hrs min. MIL-HDBK-217F	Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 Level 4, 4KV/Line-Earth ; Level 3, 2KV/Line-Lin Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods		

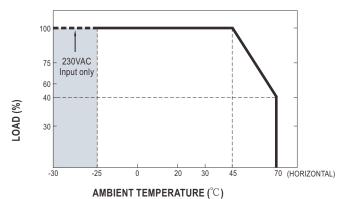
- 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uf & 47uf parallel capacitor.
- 3. Tolerance includes set up tolerance, line regulation and load regulation.
  4. During withstand voltage and isolation resistance testing, the screw "A" shall be temporarily removed, and shall be installed back after the testing.
- 5. Derating may be needed under low input voltages. Please check the derating curve for more details.
- 6. If use PV signal to adjust Vo, under creatin operation conditions, ripple noise of Vo might go over rating defined in this specification.
  7. The efficiency is measured at △: 230VAC/Y: 400VAC input. The efficiency level is measured at output voltage 115V(115V model)/230V(230V model)/ 380V(380V model).
- 8. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 600mm\*900mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."

  (as available on https://www.meanwell.com//Upload/PDF/EMI\_statement\_en.pdf)
- 9. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).
- 10. An unstable O/P voltage is expected in the first 300ms after power on. A minimum load of 5% is suggested if fast load change is required at power on
- \*\* Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx

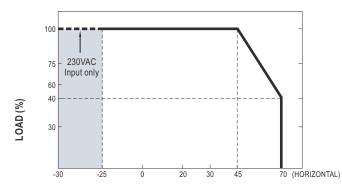


#### ■ Block Diagram PFC fosc: 65KHz PWM fosc: 85KHz RECTIFIERS RECTIFIERS EMI -O +V FILTER SWITCHING -- -V FILTER ww DETECTION CIRCUIT 0.T.P. PFC $\alpha$ FG O CONTROL CURRENT CONTROL CIRCUIT LIMIT 0.V.P. o cs → PV → PC → Remote ON/OFF ISOLATOR → AC-FAIL RELAY → FAN-FAIL → OTP AUX POWER(+12V/0.1A) Only for remote ON-OFF control RECTIFIERS & FILTER **POWER** FAN **■** DERATING CURVE

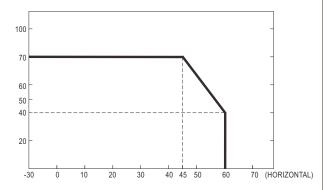
## Blank Type:



#### L Type:



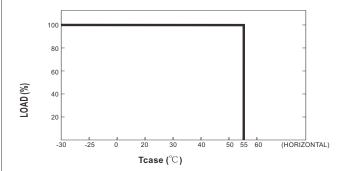
AMBIENT TEMPERATURE WITH WATER COOLING SYSTEM (°C)



AMBIENT TEMPERATURE WITH 85CFM FAN\*2

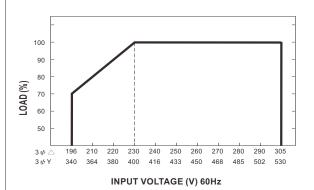


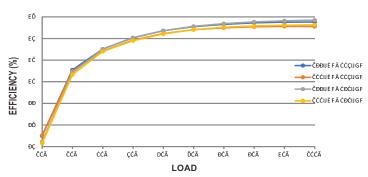
## L Type:



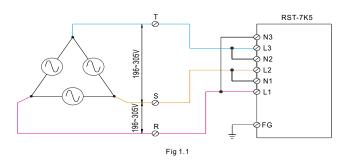
#### ■ STATIC CHARACTERISTICS

## ■ EFFICIENCY VS LOAD (380V MODEL)

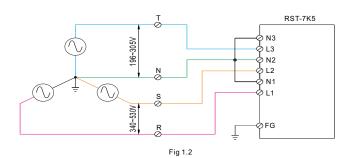




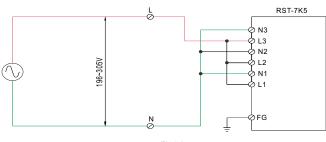
#### **■** AC Power Connection



 $\bigcirc$ 3  $\psi$  4-wire / Y 340~530VAC



■ Note : RST-7K5 can also be operated by 1  $\psi$  2 - wire 196~305VAC input. Please refer to the connection diagram below. Operating with 1  $\psi$  2-wire may lead to certain characteristics different from the specification, such as the larger Ripple and Noise. Should there be any issues, please contact MEAN WELL.





#### ■ Function Manual

- 1.Output Voltage Programming (or, PV / remote voltage programming / remote adjust / margin programming / dynamic voltage trim)
  - (1)Default by potentiometer (SVR)
    - (a) Have the DIP switch position-3 set as OFF
    - (b)Output voltage can be trimmed by SVR.
  - (2)By Output Voltage Programming
    - (a) Have the DIP switch position-3 set as
    - (b)The output voltage can be trimmed to 1~120% by applying EXTERNAL VOLTAGE between PV+ and PV- on CN86 or CN87.

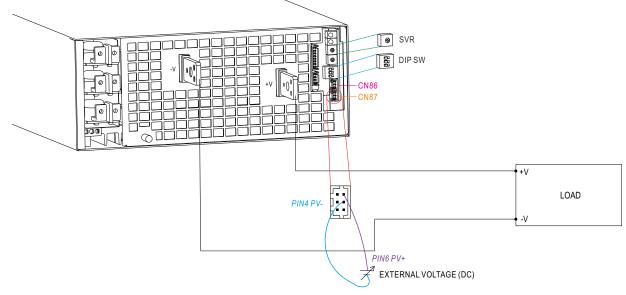
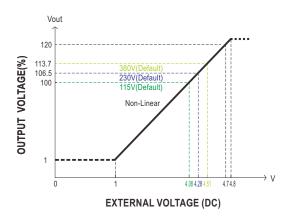
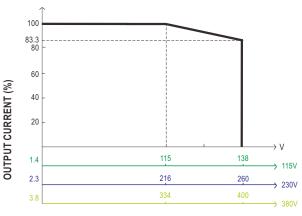


Fig 1.1



- The 100% output voltage is 115/216/334V.
- When PV signal to adjust voltage under Vo<11.5V(115V model) / 21.6V(230V model) / 33.4V(380V model) with dynamic load condition, the Vo overshoot & undershoot might go over rating.



#### **OUTPUT VOLTAGE**

- $\hfill \bigcirc$  The rated current should change with the Output Voltage Programming accordingly.
- Maximum output current is Based on rated power wattage.

Fig 1.2

#### 2. Constant Current Programming (or, PC / remote current programming / dynamic current trim)

- (1)Default Overload Protection(OLP) 100~107% of rated current
  - (a) Have the DIP switch position-2 set as
  - (b)Output current is set default value.
- (2)By Constant Current Level Programming
  - (a) Have the DIP switch position-2 set as
  - (b)The constant current level can be trimmed to 20~100% of the rated current by applying EXTERNAL VOLTAGE between PC+ and PC- on CN86 or CN87.

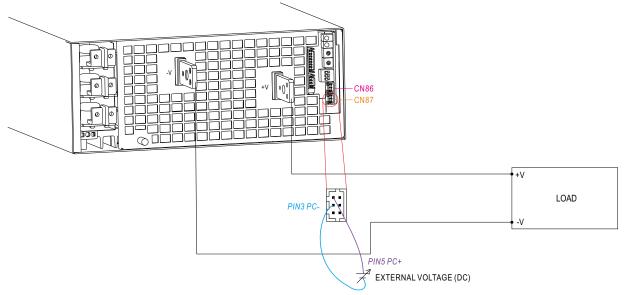


Fig 2.1

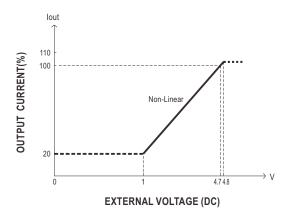


Fig 2.2

- Output will shut down after O/P voltage is below < 80% of Vset for 6 sec, re-power on to recover.
- The 100% output current is Maximum current.

#### 3. Select Overload Protection (OLP) Mode

(1)Default Continuous Constant Current mode Default Continuous Constant Current mode

on part of the DIPswitch position-1 set as off part of the DIPswitch the output voltage is greater than 50% of the rated output voltage.

(2)Delay Shutdown mode Have the DIPswitch position-1 set as off and RST-7K5 will shut down after 5 seconds of constant current operation, when the output is overloaded or short-circuited.



#### 4.Remote ON-OFF Control

※ The power supply can be turned ON-OFF by using the "Remote ON-OFF" function.

Between Remote ON-OFF(CN96 pin5,7) and 12V-AUX(CN96 pin1,3)	Output Status
Switch close (Short)	power supply ON
Switch open (Open)	power supply OFF

Table 4.1

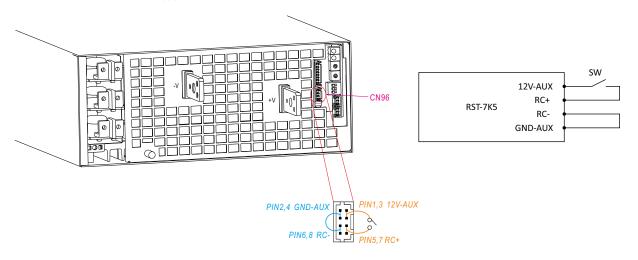
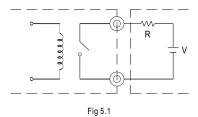


Fig 4.1

#### 5.Alarm Signal Output

- 💥 There are 4 alarm signals on CN99, and each signal can select two types of output circuit.
- (1)Relay contact output {OTP1, OTP1-GND); (DC-OK1, DC-OK1-GND); (AC-FAIL1-GND, AC-FAIL1); (FAN-FAIL1-GND, FAN-FAIL1)} Normally open contact. "Short" when the alarm arises. Relay contact rating(maximum) is 30V/1A resistive.



(2)Open collector output {DC-OK2-GND, DC-OK2); (AC-FAIL2-GND, AC-FAIL2); (OTP2, OTP2-GND); (FAN-FAIL2, FAN-FAIL2-GND)} An external voltage source is required for this function that is shown in Fig 5.2. These signals are isolated from output. The maximum sink current is 10mA and the maximum external voltage is 20V (there is a built-in 24V zener diode in inner circuitry).

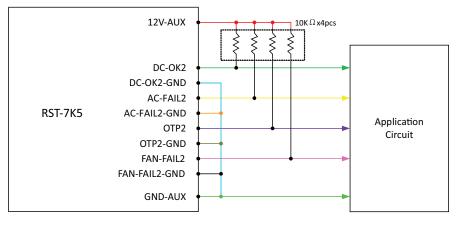
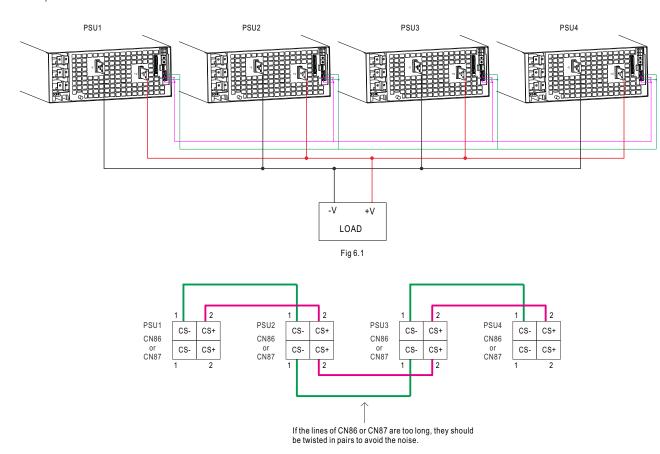


Fig 5.2

#### 6.Current Sharing

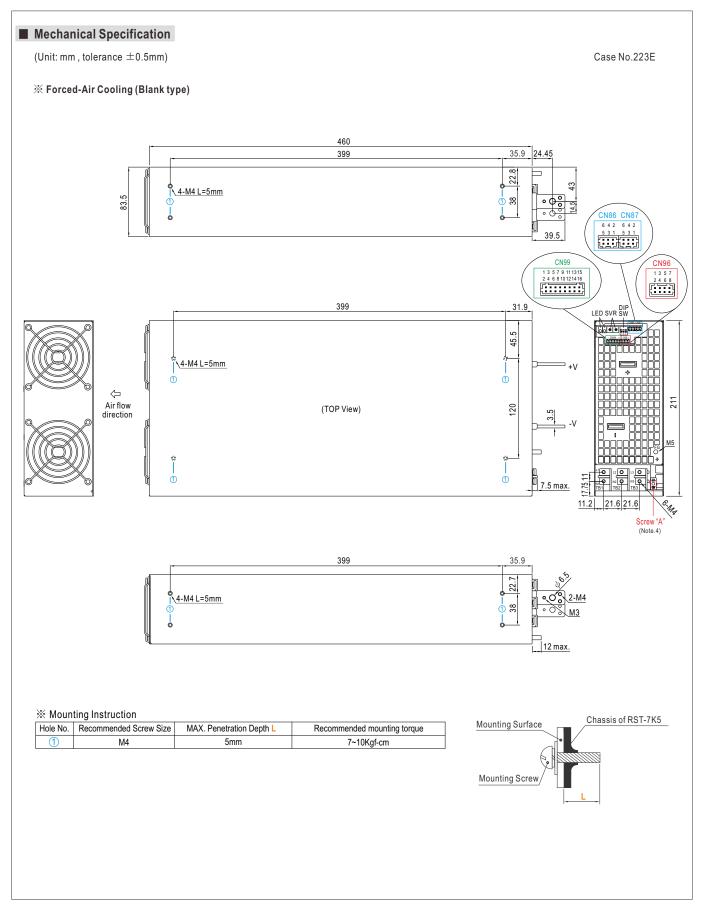
RST-7K5 has the built-in active current sharing function and can be connected in parallel, up to 4 units, to provide higher output power as exhibited below:

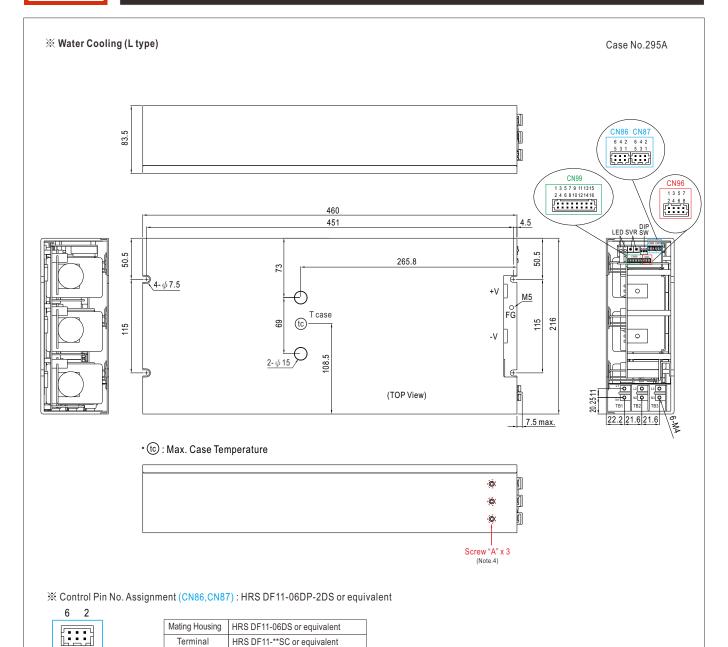
- 💥 The power supplies should be paralleled using short and large diameter wiring and then connected to the load.
- 💥 In parallel connection, power supply with the highest output Voltage will be the master unit and its Vout will be the DC bus voltage.
- % The total output current must not exceed the value determined by the following equation: Maximum output current at parallel operation=(Rated current per unit) $\times$ (Number of unit) $\times$ 0.95
- When the total output current is less than 5% of the total rated current, or say (5% of Rated current per unit) × (Number of unit) the current shared among units may not be balanced.
- W Under parallel operation ripple of the output voltage may be higher than the SPEC at light load condition. It will go back to normal ripple level once the output load is more than 5%.



© CS+,CS- are connected mutually in parallel.







## $\bigcirc$ CN86 and CN87 are connected internally.

5

Pin No.	Function	Description
1	CS-	Current sharing signal. When units are connected in parallel, the CS pins of the units should be connected to allow current balance
2	CS+	between units.
3	PC-	Connection for output current programming.
4	PV-	Connection for output voltage programming.
5	PC+	Connection for output current programming.
6	PV+	Connection for output voltage programming.



## 7.5KW 3 $\phi$ 4W Input With High Voltage Output

# RST-7K5-HV series

※ Control Pin No. Assignment (CN96): HRS DF11-08DP-2DS or equivalent

1 7

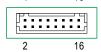


ĺ	Mating Housing	HRS DF11-08DS or equivalent
	Terminal	HRS DF11-**SC or equivalent

Pin No.	Function	Description	
1,3	12V-AUX	Auxiliary voltage output, 11.4~12.6V, referenced to pin 2,4(GND-AUX). Only for remote on-off control & Alarm signal. The maximum load current is 0.1A. This output is not controlled by the "Remote ON/OFF" function.	
2,4	GND-AUX	Auxiliary voltage output GND. The signal return is isolated from the output terminals (+V & -V).	
5,7	RC+		
6,8	RC-	The output can be turned ON-OFF in association with RC+ and RC	

% Control Pin No. Assignment (CN99) : HRS DF11-16DP-2DS or equivalent

1 1



Mating Housing	HRS DF11-16DS or equivalent
Terminal	HRS DF11-**SC or equivalent

Pin No.	Function	Description	
1	DC-OK1	Alarm signal of DC-OK.  Normally open contact. "Short" when the PSU turns on. Relay contact rating(maximum) is 30V/1A resistive.	
2	AC-FAIL1	Alarm signal of AC-fail.  Normally open contact. "Short" when the PSU input voltage is too low. Relay contact rating(maximum) is 30V/1A resistive.	
3	DC-OK1-GND	Alarm signal of DC-OK.  Normally open contact. "Short" when the PSU turns on. Relay contact rating(maximum) is 30V/1A resistive.	
4	AC-FAIL1-GND	Alarm signal of AC-fail.  Normally open contact. "Short" when the PSU input voltage is too low. Relay contact rating(maximum) is 30V/1A resistive.	
5	DC-OK2	Alarm signal of DC-OK.  Open collector signal. Low when the PSU turns on. The maximum sink current is 10mA and the maximum external voltage is 20V.	
6	AC-FAIL2	Alarm signal of AC fail.  Open collector signal. Low when the PSU input voltage is too low. The maximum sink current is 10mA and the maximum external voltage is 20V.	
7	DC-OK2-GND	Alarm signal of DC-OK.  Open collector signal. Low when the PSU turns on. The maximum sink current is 10mA and the maximum external voltage is 20V.	
8	AC-FAIL2-GND	Alarm signal of AC fail.  Open collector signal. Low when the PSU input voltage is too low. The maximum sink current is 10mA and the maximum external voltage is 20V.	
9	OTP1	Alarm signal of OTP.  Normally open contact. "Short" when the PSU over temperature protection occurs. Relay contact rating(maximum) is 30V/1A resistive.	
10	FAN-FAIL2	Alarm signal of fan fail.  Open collector signal. Low when the internal fan fails. The maximum sink current is 10mA and the maximum external voltage is 20V.	
11	OTP1-GND	Alarm signal of OTP.  Normally open contact. "Short" when the PSU over temperature protection occurs. Relay contact rating(maximum) is 30V/1A resistive.	
12	FAN-FAIL2-GND	Alarm signal of fan fail.  Open collector signal. Low when the internal fan fails. The maximum sink current is 10mA and the maximum external voltage is 20V.	
13	OTP2	Alarm signal of OTP.  Open collector signal. Low when the PSU over temperature protection occurs. The maximum sink current is 10mA and the maximum external voltage is 20V.	
14	FAN-FAIL1	Alarm signal of fan fail.  Normally open contact. "Short" when the internal fan fails. Relay contact rating(maximum) is 30V/1A resistive.	
15	OTP2-GND	Alarm signal of OTP.  Open collector signal. Low when the PSU over temperature protection occurs. The maximum sink current is 10mA and the maximum external voltage is 20V.	
16	FAN-FAIL1-GND	Alarm signal of fan fail.  Normally open contact. "Short" when the internal fan fails. Relay contact rating(maximum) is 30V/1A resistive.	

#### **XLED Status Indicators**

LED	Description	
Green(LED1)	LED on when output voltage is OK	
Red(LED2) LED on when any protection occurs		

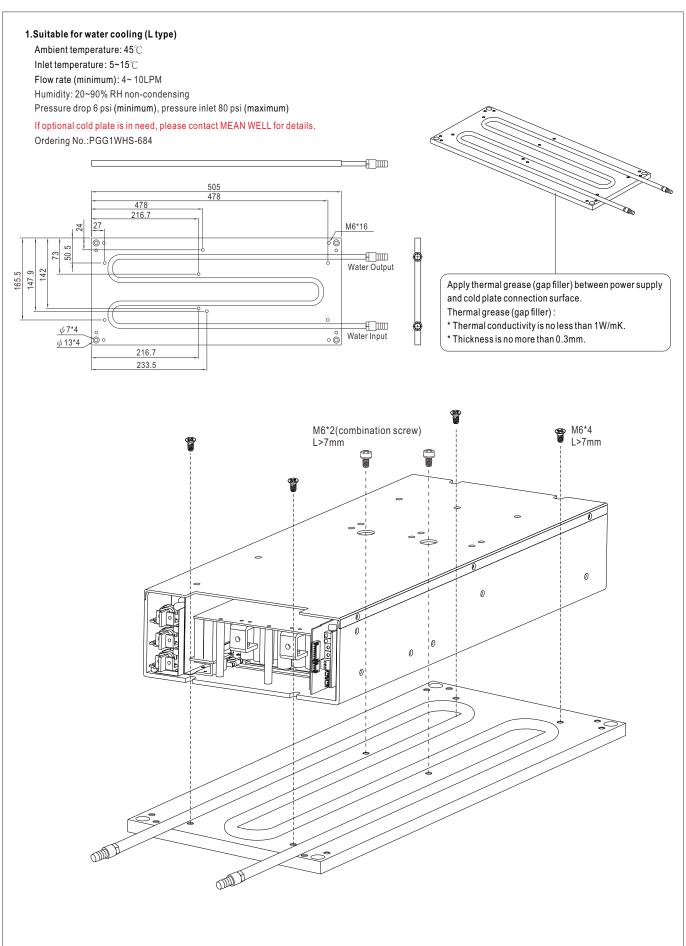
#### XAC Input Terminal Pin No. Assignment (TB1 or TB2 or TB3)

		,	
Pin No.	Assignment	Diagram	Maximum mounting torque
1	AC/L	TB1 TB2 TB3 1	7~10Kgf-cm
2	AC/N	2 0 2 0 2 0	

#### $\mbox{\%DIP Switch Position Assignment(DIP-SW): Please refer to the Function Manual.}$

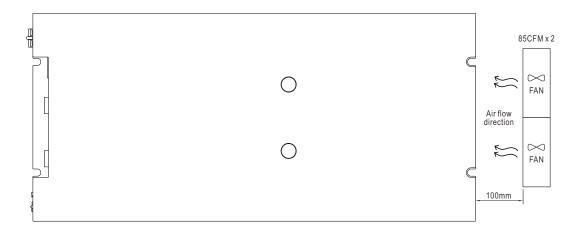
Pin No.	Assignment	Diagram	
1	Overload Protection (OLP)	1 2 3	
2	Output Current Programming (PC)	ON DIP-SW PIN2:PC	
3	Output Voltage Programming (PV)	OFF DIP-SW PIN3:PV	



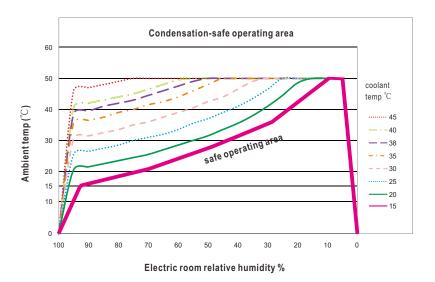




## 2.With 85CFM FAN x 2 (L type)



#### 3. Condensation - Safe operating area.



## ■ Installation Manual

Please refer to: http://www.meanwell.com/manual.html