



Features

- 3 ϕ 3-wire/ Δ 230VAC or 3 ϕ 4-wire/ Y 380VAC
- Built-in active PFC function
- High efficiency up to 92.5%
- Protections:
 - Short circuit / Overload / Over voltage / Over temperature / Fan alarm
- Forced air cooling by built-in DC fan
- Output voltage and constant current level I_{cc} programmable
- Built-in current sharing up to 4 units
- Built-in remote sense and ON/OFF control
- Built-in 12V/0.1A auxiliary power
- Alarm signal output
- 5 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.	RST-5000	RST-7K5
AC input voltage range	3 ϕ 3-wire/ Δ 196~305VAC or 3 ϕ 4-wire/ Y 340~530VAC	
AC inrush current (max.)	Cold start, 75A at 230Vac (3 ϕ 3-wire/ Δ) or 50A at 400Vac (3 ϕ 4-wire/ Y)	Cold start, 75A at 230Vac (3 ϕ 3-wire/ Δ) or 50A at 230Vac (3 ϕ 4-wire/ Y)
DC adjustment range	V _o : 24V-23.5~28.8V, 36V-35~43.2V, 48V-47~57.6V by VR, 20~120% by 1~6VDC I _{cc} : 20~100% by 1~5VDC	V _o : 115V-90~138V, 230V-170~260V, 380V-334~400V by VR, or 1~120% by 1~6VDC I _{cc} : 20~100% by 1~4.8VDC
Overload protection	Range	100%~112%
	Type	User adjustable continuous constant current limiting or constant current limiting with delay shutdown after 5 seconds. Re-power on to recover.
Over voltage protection	Range	125%~145%
	Type	Shut down O/P voltage, re-power on to recover
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC	
Working temperature	-30~+70°C (refer to output derating curve)	
Safety standards	UL62368-1, TUV BS EN/EN62368-1, EAC TP TC 004 approved	
EMC standards	BS EN/EN55032 class A, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2, EN61204-3	BS EN/EN55032/EN55011 conducted class B, EN55032/EN55011 Radiated class A, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2, EN61204-3
Connection	Input	6P/13mm pitch terminal block with cover
	Output	Bus bars
Dimension (LxWxH) (mm)	460x 211x 83.5	

5000W RST-5000

Model No.	Output	ToI.	R&N	Effi.
RST-5000-24	24V, 0~200A	±1%	150mV	89%
RST-5000-36	36V, 0~138A	±1%	200mV	90%
RST-5000-48	48V, 0~105A	±1%	200mV	91%

7500W Coming Soon RST-7K5

Model No.	Output	ToI.	R&N	Effi.
RST-7K5-115	115V, 0~65.2A	±1%	1V	91%
RST-7K5-230	230V, 0~34.7A	±1%	2V	92%
RST-7K5-380	380V, 0~22.5A	±1%	4V	92.5%



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- High efficiency up to 92.5%
- Protections: Short circuit / Overload / Over voltage / Over temperature / Fan alarm
- Forced air cooling by built-in DC fan
- Output voltage and constant current level I_{cc} programmable
- Built-in current sharing up to 4 units
- Built-in remote sense and ON/OFF control
- Built-in 12V/0.1A auxiliary power
- Alarm signal output
- 5 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.		RST-10000	RST-15K
AC input voltage range		3 ϕ 3-wire/ Δ 196~305VAC or 3 ϕ 4-wire/ Y 340~530VAC	
AC inrush current (max.)		Cold start, 150A at 230VAC (3 ϕ 3-wire/ Δ) or 100A at 400VAC (3 ϕ 4-wire/ Y)	Cold start, 75A at 230VAC (3 ϕ 3-wire/ Δ) or 50A at 230VAC (3 ϕ 4-wire/ Y)
DC adjustment range		V _o : 24V-23.5~28.8V, 36V-35~43.2V, 48V-47~57.6V by VR, 20~120% by 1~6VDC I _{cc} : 20~100% by 1~5VDC	V _o : 115V-90~138V, 230V-170~260V, 380V-334~400V by VR, 1~120% by 1~6VDC I _{cc} : 20~100% by 1~4.8VDC
Overload protection	Range	100%~112%	100~105%
	Type	User adjustable continuous constant current limiting or constant current limiting with delay shutdown after 5 seconds. Re-power on to recover.	Constant current limiting, unit will shutdown after 5 seconds. Re-power on to recover.
Over voltage protection	Range	125%~140%	110%~144%
	Type	Shut down O/P voltage, re-power on to recover	
Withstand voltage		I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 2kVAC
Working temperature		-30~+70°C (refer to output derating curve)	
Safety standards		UL62368-1, TUV BS EN/EN62368-1, EAC TP TC 004 approved	
EMC standards		BS EN/EN55032 class A, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2, EN61204-3	
Connection	Input	6P/13mm pitch terminal block with cover	
	Output	Bus bars	
Dimension (LxWxH) (mm)		540x 424x 83.5	

10KW RST-10000

Model No.	Output	Tol.	R&N	Effi.
RST-10000-24	24V, 0~400A	±1%	150mV	89%
RST-10000-36	36V, 0~276A	±1%	200mV	90%
RST-10000-48	48V, 0~210A	±1%	200mV	91%

15KW Coming Soon RST-15K

Model No.	Output	Tol.	R&N	Effi.
RST-15K-115	115V, 0~130.4A	±1%	1V	91%
RST-15K-230	230V, 0~69.4A	±1%	2V	92%
RST-15K-380	380V, 0~45A	±1%	4V	92.5%