

500W with PFC and Parallel Function



CASE: 919

278x 127x 63.5 mm

- Universal AC input / Full range
- PF>0.98@115VAC; >0.95@230VAC
- Current sharing up to 2000W (3+1)
- Built-in remote sense function
- Built-in remote ON/OFF control
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Approvals: UL / CUL / TUV / CB / CE
- Forced air cooling by built-in DC fan
- Power good and fail signal output
- Open frame models available (option)
- 3 years warranty

AC input voltage range 90~264VAC; 127~370VDC

DC adjustment range ±10% rated output voltage

Overload protection 110%~125% constant current limiting, auto-recovery

Over voltage protection 115%~140% rated output voltage

Setup, rise, hold up time .. 1500ms, 50ms, 24ms at full load and 230VAC

Withstand voltage I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute

Working temperature -10~60°C (refer to output derating curve)

Safety standards UL60950-1, TUV EN60950-1 approved

EMC standards EN55022 class B, EN61000-3-2,3,
EN61000-4-2,3,4,5,6,8,11, ENV50204

Packing 2.60kg ; 6pcs / 15.7kg / 0.89CUFT

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10436	PSP-500-5	5V, 0~80.0A	±2%	100mV	76%
10431	PSP-500-12	12V, 0~41.5A	±1%	150mV	82%
10432	PSP-500-13.5	13.5V, 0~37.0A	±1%	150mV	82%
10437	PSP-500-15	15V, 0~33.0A	±1%	150mV	82%
10433	PSP-500-24	24V, 0~20.8A	±1%	150mV	84%
10434	PSP-500-27	27V, 0~18.5A	±1%	150mV	84%
10435	PSP-500-48	48V, 0~10.5A	±1%	200mV	86%

600W with PFC and Parallel Function



CASE: 910A

170x 120x 93 mm

- Universal AC input / Full range
- PF>0.99@115VAC; >0.95@230VAC
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- Built-in remote sense and ON/OFF control
- With DC OK signal output
- Active current sharing up to 2400W(3+1)
- Approval: UL / CUL / TUV / CB / CE
- 3 years warranty

AC input voltage range 88~264VAC; 124~370VDC

AC inrush current Cold start, 20A at 115VAC, 40A at 230VAC

DC adjustment range $\pm 10\%$ rated output voltage

Overload protection 105%~135% constant current limiting, auto-recovery

Over voltage protection 115%~140% rated output voltage

Withstand voltage I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute

Working temperature -20~60°C (refer to output derating curve)

Safety standards UL60950-1, TUV EN60950-1 approved

EMC standards EN55022 class B, EN61000-3-2,3

EN61000-4-2,3,4,5,6,8,11, ENV50204

Connection 7+8P/ 9.5mm pitch terminal block with cover

Packing 1.9kg ; 8pcs / 15.5kg / 1.06CUFT

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11211	PSP-600-5	5V, 0~80.0A	$\pm 2\%$	180mV	79%
11212	PSP-600-12	12V, 0~50.0A	$\pm 1\%$	240mV	84%
11213	PSP-600-13.5	13.5V, 0~44.5A	$\pm 1\%$	240mV	85%
11214	PSP-600-15	15V, 0~40.0A	$\pm 1\%$	240mV	85%
11215	PSP-600-24	24V, 0~25.0A	$\pm 1\%$	240mV	86%
11216	PSP-600-27	27V, 0~22.2A	$\pm 1\%$	240mV	86%
11217	PSP-600-48	48V, 0~12.5A	$\pm 1\%$	300mV	87%

1000W with PFC and Parallel Function



- Universal AC input / Full range
- PF>0.98@115VAC; >0.95@230VAC
- Current sharing up to 2000W (1+1)
- Built-in remote sense function
- Built-in remote ON/OFF control
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Approvals: UL / CUL / TUV / CB / CE
- Forced air cooling by built-in DC fan
- 3 years warranty



CASE: 924

278x 129x 127 mm

AC input voltage range 90~264VAC; 127~370VDC

DC adjustment range ±10% rated output voltage

Overload protection 115%~140% constant current limiting, auto-recovery

Over voltage protection 115%~140% rated output voltage

Setup, rise, hold up time . . 1500ms, 50ms, 24ms at full load and 230VAC

Withstand voltage I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute

Working temperature -10~60°C (refer to output derating curve)

Safety standards UL60950-1, TUV EN60950-1 approved

EMC standards EN55022 class B, EN61000-3-2,3,
EN61000-4-2,3,4,5,6,8,11, ENV50204

Packing 5.2kg ; 3pcs / 16.3kg / 1.42CUFT

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10561	PSP-1000-5	5V, 0~145A	±6%	100mV	77%
10562	PSP-1000-12	12V, 0~75.0A	±3%	150mV	84%
10563	PSP-1000-13.5	13.5V, 0~67.0A	±2%	150mV	84%
10564	PSP-1000-15	15V, 0~60.0A	±2%	150mV	84%
10565	PSP-1000-24	24V, 0~37.6A	±1%	150mV	86%
10566	PSP-1000-27	27V, 0~33.6A	±1%	150mV	86%
10567	PSP-1000-48	48V, 0~19.0A	±1%	200mV	86%

1500W with PFC and Parallel Function



CASE: 943

278x 127x 83.5 mm

- Universal AC input / Full range
- PF>0.98@115VAC; >0.95@230VAC
- Using ZVS technology to reduce power dissipation
- High power density 8.3W/in³
- Built-in 12V / 0.1A auxiliary output
- Alarm signal output
- DC output voltage adjustment 70~100% by external resistor
- Active current sharing up to 6000W (3+1)
- Built-in remote sense function
- Built-in remote ON/OFF control
- Protections: Short circuit / Overload
Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- 3 years warranty

AC input voltage range 90~264VAC; 127~370VDC

DC adjustment range -30~+10% rated output voltage

Overload protection 105%~135% constant current limiting,
shut off after 5 sec.

Over voltage protection 115%~140% rated output voltage

Setup, rise, hold up time . . 1500ms, 100ms, 10ms at full load and 230VAC

Withstand voltage I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute

Working temperature -20~70°C (refer to output derating curve)

Safety standards UL60950-1, TUV EN60950-1 approved

EMC standards EN55022 class B conducted, EN61000-3-2,3,
EN61000-4-2,3,4,5,6,8,11, ENV50204

Packing 2.6kg ; 6pcs / 16.6kg / 1.75CUFT

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11231	RSP-1500-5	5V, 0~240A	±2%	150mV	80%
11232	RSP-1500-12	12V, 0~125A	±1%	150mV	87%
11233	RSP-1500-15	15V, 0~100A	±1%	150mV	87%
11234	RSP-1500-24	24V, 0~63A	±1%	150mV	90%
11235	RSP-1500-27	27V, 0~56A	±1%	150mV	90%
11236	RSP-1500-48	48V, 0~32A	±1%	200mV	91%

1200W Single Output with Parallel Function



291x 132x 132 mm

- AC input 200~260V only
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in parallel operation function
- Can adjust from 20~100% output voltage by external control 1~5VDC
- Forced air cooling by built-in DC fan
- 2 years warranty

AC input voltage range ... 200~260VAC

AC inrush current Cold start, 120A at 230VAC

DC adjustment range $\pm 5\%$ rated output voltage by potential meter
20~100% by external control voltage 1~5 VDC

Setup, rise, hold up time .. 800ms, 50ms, 16ms at full load and 230VAC

Overload protection 110~135% constant current limiting, delay shutdown

Over voltage protection ... 110~135% rated output voltage

Withstand voltage I/P-O/P, I/P-FG: 1500VAC, 1minute

Working temperature $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ @100%, 65°C @50% load

Safety standards UL60950-1, CSA22.2, EN60950-1 approved

Packing 4.75kg ; 4pcs / 21.0kg / CTN

Stock No.	Order No.	Output	Tol.	R&N	Effi.
11042	SCN-1K2-05	5V, 0~180A	$\pm 2.5\%$	100mV	77%
11043	SCN-1K2-12	12V, 0~100A	$\pm 1.0\%$	120mV	83%
11044	SCN-1K2-15	15V, 0~80.0A	$\pm 1.0\%$	150mV	85%
11045	SCN-1K2-24	24V, 0~50.0A	$\pm 1.0\%$	240mV	85%
11046	SCN-1K2-48	48V, 0~24.0A	$\pm 1.0\%$	480mV	87%

1500W Single Output with Parallel Function

Parallel



291x 132x 132 mm

- AC input 200~260V only
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in parallel operation function
- Can adjust from 20~100% output voltage by external control 1~5VDC
- Forced air cooling by built-in DC fan
- 2 years warranty

AC input voltage range 200~260V

AC inrush current Cold start, 120A at 230VAC

DC adjustment range $\pm 5\%$ rated output voltage by potential meter
20~100% by external control voltage 1~5 VDC

Setup, rise, hold up time .. 800ms, 50ms, 16ms at full load and 230VAC

Overload protection 110~135% constant current limiting, delay shutdown

Over voltage protection 110~135% rated output voltage

Withstand voltage I/P-O/P, I/P-FG: 1500VAC, 1minute

Working temperature $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ @100%, 65°C @50% load

Safety standards design refer to UL60950-1, CSA22.2, EN60950-1

Packing 4.75kg ; 4pcs / 21.0kg / CTN

Stock No.	Order No.	Output	Tol.	R&N	Effi.
11061	SCN-1K5-12	12V, 0~125A	$\pm 1\%$	120mV	83%
11062	SCN-1K5-15	15V, 0~100A	$\pm 1\%$	150mV	84%
11063	SCN-1K5-24	24V, 0~62.5A	$\pm 1\%$	240mV	85%
11064	SCN-1K5-48	48V, 0~32.0A	$\pm 1\%$	480mV	87%

2000W Single Output with Parallel Function

Parallel



320x 212x 134 mm

- AC 200~260VAC, 3 ϕ 3 wires
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in parallel operation function
- Can adjust from 20~100% output voltage by external control 1~5VDC
- Forced air cooling by built-in DC fan
- 2 years warranty

AC input voltage range ... 200~260VAC, 3 ϕ 3 wires

AC inrush current Cold start, 120A at 230VAC

DC adjustment range..... $\pm 5\%$ rated output voltage by potential meter
20~100% by external control voltage 1~5 VDC

Setup, rise, hold up time .. 800ms, 50ms, 16ms at full load and 230VAC

Overload protection 110~135% constant current limiting, delay shutdown

Over voltage protection ... 110~135% rated output voltage

Withstand voltage I/P-O/P, I/P-FG: 1500VAC, 1minute

Working temperature $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ @100%, 65°C @50% load

Safety standards design refer to UL60950-1, CSA22.2, EN60950-1

Packing 10.0kg ;1pcs / 11.0kg / CTN

Stock No.	Order No.	Output	Tol.	R&N	Effi.
11081	SCN-2K0-05	5V, 0~250A	$\pm 3\%$	150mV	78%
11082	SCN-2K0-12	12V, 0~167A	$\pm 2\%$	180mV	84%
11083	SCN-2K0-15	15V, 0~134A	$\pm 2\%$	200mV	84%
11084	SCN-2K0-24	24V, 0~83.5A	$\pm 1\%$	240mV	85%
11085	SCN-2K0-48	48V, 0~42.0A	$\pm 1\%$	480mV	86%

600~800W Single Output with Parallel Function



291x 132x 68 mm

- AC input range selectable by switch
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in parallel operation function
- Can adjust from 20~100% output voltage by external control 1~5VDC
- Forced air cooling by built-in DC fan
- 2 years warranty

AC input voltage range 90~130V / 180~260VAC selectable by switch

AC inrush current Cold start, 60A at 230VAC

DC adjustment range $\pm 5\%$ rated output voltage by potential meter
20~100% by external control voltage 1~5 VDC

Setup, rise, hold up time ... 800ms, 50ms, 16ms at full load and 230VAC

Overload protection 110~135% constant current limiting, delay shutdown

Over voltage protection 110~135% rated output voltage

Withstand voltage I/P-O/P, I/P-FG: 1500VAC, 1minute

Working temperature $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ @100%, 65°C @50% load

Safety standards UL60950-1, CSA22.2, EN60950-1 for 600W only

Packing 2.5kg ; 8pcs / 22.0kg / CTN

Stock No.	Order No.	Output	Tol.	R&N	Effi.
11002	SCN-600-05	5V, 0~100A	$\pm 1.5\%$	100mV	77%
11003	SCN-600-12	12V, 0~50.0A	$\pm 1.0\%$	120mV	80%
11004	SCN-600-15	15V, 0~40.0A	$\pm 1.0\%$	150mV	81%
11005	SCN-600-24	24V, 0~25.0A	$\pm 1.0\%$	240mV	85%
11006	SCN-600-48	48V, 0~12.0A	$\pm 1.0\%$	480mV	87%
11021	SCN-800-12	12V, 0~66.0A	$\pm 1.0\%$	150mV	80%
11022	SCN-800-15	15V, 0~54.0A	$\pm 1.0\%$	150mV	81%
11023	SCN-800-24	24V, 0~33.0A	$\pm 1.0\%$	240mV	85%
11024	SCN-800-48	48V, 0~16.6A	$\pm 1.0\%$	480mV	87%

600~800W Single Output with Parallel Function



291x 132x 68 mm

- AC input range selectable by switch
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in parallel operation function
- Can adjust from 20~100% output voltage by external control 1~5VDC
- Forced air cooling by built-in DC fan
- 2 years warranty

AC input voltage range 90~130V / 180~260VAC selectable by switch

AC inrush current Cold start, 60A at 230VAC

DC adjustment range $\pm 5\%$ rated output voltage by potential meter
20~100% by external control voltage 1~5 VDC

Setup, rise, hold up time ... 800ms, 50ms, 16ms at full load and 230VAC

Overload protection 110~135% constant current limiting, delay shutdown

Over voltage protection 110~135% rated output voltage

Withstand voltage I/P-O/P, I/P-FG: 1500VAC, 1minute

Working temperature $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ @100%, 65°C @50% load

Safety standards UL60950-1, CSA22.2, EN60950-1 for 600W only

Packing 2.5kg ; 8pcs / 22.0kg / CTN

Stock No.	Order No.	Output	Tol.	R&N	Effi.
11002	SCN-600-05	5V, 0~100A	$\pm 1.5\%$	100mV	77%
11003	SCN-600-12	12V, 0~50.0A	$\pm 1.0\%$	120mV	80%
11004	SCN-600-15	15V, 0~40.0A	$\pm 1.0\%$	150mV	81%
11005	SCN-600-24	24V, 0~25.0A	$\pm 1.0\%$	240mV	85%
11006	SCN-600-48	48V, 0~12.0A	$\pm 1.0\%$	480mV	87%
11021	SCN-800-12	12V, 0~66.0A	$\pm 1.0\%$	150mV	80%
11022	SCN-800-15	15V, 0~54.0A	$\pm 1.0\%$	150mV	81%
11023	SCN-800-24	24V, 0~33.0A	$\pm 1.0\%$	240mV	85%
11024	SCN-800-48	48V, 0~16.6A	$\pm 1.0\%$	480mV	87%

1200W Parallel (N+1) with PFC Function



291x 120x 132 mm

- AC input 180~260V only
- PF>0.98@ 230VAC
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in power good signal output
- Can adjust from 20~100% output voltage by external control 1~5VDC
- Forced air cooling by built-in DC fan
- 3 years warranty

AC input voltage range 180~260VAC, 47~63Hz

AC inrush current Cold start, 60A at 230VAC

DC adjustment range $\pm 3\%$ rated output voltage by potential meter

20~100% by external control voltage 1~5 VDC

Setup, rise, hold up time .. 500ms, 50ms, 16ms at full load and 230VAC

Overload protection 105~140% current limiting, delay shutdown

Over voltage protection 110~135% rated output voltage

Withstand voltage I/P-O/P:3KVAC, I/P-FG: 1.5KVAC, 1minute

Working temperature $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ @100%, -20°C @80%, 65°C @50% load

Safety standards UL60950-1, TUV EN60950-1 approved

EMC standards..... EN55022 class A, EN61000-3-2,3

EN61000-4-2,3,4,5,6,8,11

Packing..... 4.75kg ; 4pcs / 21.0kg / CTN

Stock No.	Order No.	Output	Tol.	R&N	Effi.
11111	SCP-1K2-05	5V, 0~200A	$\pm 2\%$	100mV	80%
11112	SCP-1K2-12	12V, 0~100A	$\pm 1\%$	120mV	84%
11113	SCP-1K2-15	15V, 0~80.0A	$\pm 1\%$	150mV	85%
11114	SCP-1K2-24	24V, 0~50.0A	$\pm 1\%$	240mV	89%
11115	SCP-1K2-48	48V, 0~24.0A	$\pm 1\%$	480mV	90%

2400W Parallel (N+1) with PFC Function



350x 212x 124 mm

- AC input 180~260VAC, 3 ϕ 3 wires
- PF>0.98@ 230VAC
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in power good signal output
- Can adjust from 20~100% output voltage by external control 1~5VDC
- Forced air cooling by built-in DC fan
- 3 years warranty

AC input voltage range 180~260VAC, 3 ϕ 3 wires (other systems available)

AC inrush current Cold start, 60A at 230VAC

DC adjustment range $\pm 3\%$ rated output voltage by potential meter

20~100% by external control voltage 1~5 VDC

Setup, rise, hold up time .. 800ms, 400ms, 12ms at full load and 230VAC

Overload protection 110~140% current limiting, delay shutdown

Over voltage protection 110~135% rated output voltage

Withstand voltage I/P-O/P:3KVAC, I/P-FG: 1.5KVAC, 1minute

Working temperature -10°C~+50°C@100%, -20°C@80%, 65°C@50% load

Safety standards UL60950-1, TUV EN60950-1 approved

EMC standards EN55022 class A, EN61000-3-2,3

EN61000-4-2,3,4,5,6,8,11

Packing 10.0kg ;1pcs / 11.0kg / CTN

Stock No.	Order No.	Output	Tol.	R&N	Effi.
11122	SCP-2K4-12	12V, 0~200A	$\pm 1\%$	120mV	84%
11123	SCP-2K4-15	15V, 0~160A	$\pm 1\%$	150mV	85%
11124	SCP-2K4-24	24V, 0~100A	$\pm 1\%$	150mV	88%
11125	SCP-2K4-48	48V, 0~50.0A	$\pm 1\%$	200mV	89%

600W Parallel (N+1) with PFC Function



291x 120x 68 mm

- AC input 180~260 VAC only
- PF>0.98@ 230VAC
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in power good signal output
- Can adjust from 20~100% output voltage by external control 1~5VDC
- Forced air cooling by built-in DC fan
- 3 years warranty

AC input voltage range 180~260VAC, 47~63Hz

AC inrush current Cold start, 60A at 230VAC

DC adjustment range $\pm 3\%$ rated output voltage by potential meter
20~100% by external control voltage 1~5 VDC

Setup, rise, hold up time... 500ms, 250ms, 16ms at full load and 230VAC

Overload protection 105~115% current limiting, delay shutdown

Over voltage protection.... 110~135% rated output voltage

Withstand voltage..... I/P-O/P:3KVAC, I/P-FG: 1.5KVAC, 1minute

Working temperature $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ @100%, -20°C @80%, 65°C @50% load

Safety standards..... UL60950-1, TUV EN60950-1 approved

EMC standards..... EN55022 class A, EN61000-3-2,3
EN61000-4-2,3,4,5,6,8,11

Packing..... 2.5kg ; 8pcs / 22.0kg / CTN

Stock No.	Order No.	Output	Tol.	R&N	Effi.
11091	SCP-600-05	5V, 0~100A	$\pm 1.5\%$	100mV	80%
11092	SCP-600-12	12V, 0~50.0A	$\pm 1.0\%$	120mV	84%
11093	SCP-600-15	15V, 0~40.0A	$\pm 1.0\%$	150mV	85%
11094	SCP-600-24	24V, 0~25.0A	$\pm 1.0\%$	240mV	89%
11095	SCP-600-48	48V, 0~12.0A	$\pm 1.0\%$	480mV	90%

800W Parallel (N+1) with PFC Function



291x 120x 68 mm

- AC input 180~260V only
- PF>0.98@ 230VAC
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in power good signal output
- Can adjust from 20~100% output voltage by external control 1~5VDC
- Forced air cooling by built-in DC fan
- 3 years warranty

AC input voltage range 180~260VAC, 47~63Hz

AC inrush current Cold start, 60A at 230VAC

DC adjustment range $\pm 3\%$ rated output voltage by potential meter
20~100% by external control voltage 1~5 VDC

Setup, rise, hold up time .. 800ms, 400ms, 12ms at full load and 230VAC

Overload protection 105~115% current limiting, delay shutdown

Over voltage protection 110~135% rated output voltage

Withstand voltage I/P-O/P:3KVAC, I/P-FG: 1.5KVAC, 1minute

Working temperature $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ @100%, -20°C @80%, 65°C @50% load

Safety standards UL60950-1, TUV EN60950-1 approved

EMC standards EN55022 class A, EN61000-3-2,3
EN61000-4-2,3,4,5,6,8,11

Packing 2.5kg ; 8pcs / 22.0kg / CTN

Stock No.	Order No.	Output	Tol.	R&N	Effi.
11102	SCP-800-12	12V, 0~66.0A	$\pm 1.0\%$	120mV	84%
11103	SCP-800-15	15V, 0~53.0A	$\pm 1.0\%$	150mV	85%
11104	SCP-800-24	24V, 0~33.0A	$\pm 1.0\%$	240mV	88%
11105	SCP-800-48	48V, 0~16.0A	$\pm 1.0\%$	480mV	89%