

35W, 50W, 75W Single Output

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage / Battery polarity protection by fuse

- Cooling by free air convection
- LED indicator for power on
- **No load power consumption <0.75W**
- Temperature compensation function (by external thermistor)
- 100% full load burn-in test
- 2 years warranty



AC input voltage range 85~264VAC; 120~370VDC
 AC inrush current Cold start, 45A
 DC adjustment range 95%~115% rated output voltage
 Overload protection 120%~165%, hiccup mode, auto-recovery
 Over voltage protection 120%~140%, rated output voltage
 Setup, rise, hold up time 500ms, 30ms, 50ms at full load and 230VAC
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1minute
 Working temperature -20~+60°C (refer to output derating curve)
 Safety standards UL60950-1 approved
 EMC standards EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
 Connection I/P: 3 poles, O/P: 2 poles screw terminal
 Packing 0.37kg ; 45pcs / 17.7kg / 1CUFT (SCP-35)
 0.45kg ; 30pcs / 14.5kg / 0.95CUFT (SCP-50)
 0.5kg ; 30pcs / 16.0kg / 1CUFT (SCP-75)

◆ SCP-35 Series

Model No.	Output	Tol.	R&N	Effi.	Max.
SCP-35-12	13.8V, 0~2.6A	±2%	120mV	83%	36W
SCP-35-24	27.6V, 0~1.4A	±1%	200mV	86%	39W

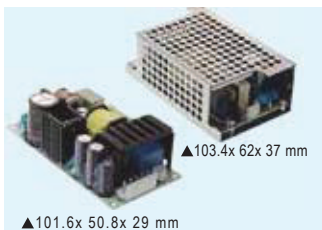
◆ SCP-50 Series

Model No.	Output	Tol.	R&N	Effi.	Max.
SCP-50-12	13.8V, 0~3.6A	±2%	120mV	81%	50W
SCP-50-24	27.6V, 0~1.8A	±1%	200mV	85%	50W

◆ SCP-75 Series

Model No.	Output	Tol.	R&N	Effi.	Max.
SCP-75-12	13.8V, 0~5.4A	±2%	120mV	81%	75W
SCP-75-24	27.6V, 0~2.7A	±1%	200mV	85%	75W

60W Single Output with Battery Charger (UPS Function)



- Universal AC input / Full range
- 4"x 2" compact size
- Protections: Short circuit / Overload / Over voltage
- Battery low protection / Battery reverse polarity protection by fuse
- Alarm signal for AC OK and Battery low
- Cooling by free air convection
- 100% full load burn-in test
- **Case available(PSC-60x-C)**
- 2 years warranty

AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 30A at 115VAC, 60A at 230VAC
 DC adjustment range CH1, 13.8V: 12~15V; 27.6V: 24~29V
 Overload protection 105%~150% hiccup mode, auto-recovery
 Over voltage protection CH1: 105%~135% rated output voltage
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1minute
 Working temperature -20~+70°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
 Connection 3+6P/ 3.96mm pitch, JST: B3P/B6P-VH
 Packing 0.13kg ; 96pcs / 13.5kg / 0.89CUFT (PCB)
 0.29kg ; 45pcs / 14.0kg / 0.67CUFT (case)

Model No.	Output	Tol.	R&N	Effi.	Max.
PSC-60A□	13.8V, 0~4.3A 13.8V, 0~1.50A (Charger)	±1%	120mV	84%	59W
PSC-60B□	27.6V, 0~2.15A 27.6V, 0~0.75A (Charger)	±1%	240mV	84%	59W

□ = blank, -C ; Blank: PCB Type, -C: Enclosed Type

100W Single Output with Battery Charger (UPS Function)



- Universal AC input / Full range
- 5"x3" compact size
- Protections: Short circuit / Overload / Over voltage
- Battery low protection / Battery reverse polarity protection by fuse
- Relay contact signal for AC OK and battery low
- Cooling by free air convection
- 100% full load burn-in test
- **Case available(PSC-100x-C)**
- 2 years warranty

AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 35A at 115VAC, 70A at 230VAC
 DC adjustment range CH1, 13.8V: 12~15V; 27.6V: 24~29V
 Overload protection 105%~150% hiccup mode, auto-recovery
 Over voltage protection CH1: 105%~135% rated output voltage
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1minute
 Working temperature -20~+70°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
 Connection 3+8P/ 3.96mm pitch, 4P/2.5mm pitch, JST:B3P/B8P-VH, B4B-XH
 Packing 0.23kg ; 63pcs / 15.5kg / 1.35CUFT (PCB)
 0.44kg ; 32pcs / 15.0kg / 0.64CUFT (case)

Model No.	Output	Tol.	R&N	Effi.	Max.
PSC-100A□	13.8V, 0~7.0A 13.8V, 0~2.5A (Charger)	±1%	100mV	86%	100W
PSC-100B□	27.6V, 0~3.50A 27.6V, 0~1.25A (Charger)	±1%	100mV	88%	101W

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160W Single Output with Battery Charger (UPS Function)



- Universal AC input / Full range
- Built-in active PFC function
- 6"x3" compact size
- Protections: Short circuit / Overload / Over voltage
- Battery low protection / Battery reverse polarity protection by fuse
- Relay contact signal for AC OK and battery low
- Cooling by free air convection
- 100% full load burn-in test
- **Case available(PSC-160x-C)**
- 2 years warranty

AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 35A at 115VAC, 70A at 230VAC
 DC adjustment range CH1, 13.8V: 12~15V; 27.6V: 24~29V
 Overload protection 105%~150% hiccup mode, auto-recovery
 Over voltage protection CH1: 105%~135% rated output voltage
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 2kVAC, 1minute
 Working temperature -20~+70°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
 Connection 3+8P/ 3.96mm pitch, 4P/2.5mm pitch, JST:B3P/B8P-VH, B4B-XH

Model No.	Output	Tol.	R&N	Effi.	Max.
PSC-160A□	13.8V, 0~11.6A 13.8V, 0~4A (Charger)	±1%	150mV	88%	160W
PSC-160B□	27.6V, 0~5.8A 27.6V, 0~2A (Charger)	±1%	240mV	90%	160W

□ = blank, -C ; Blank: PCB Type, -C: Enclosed Type