

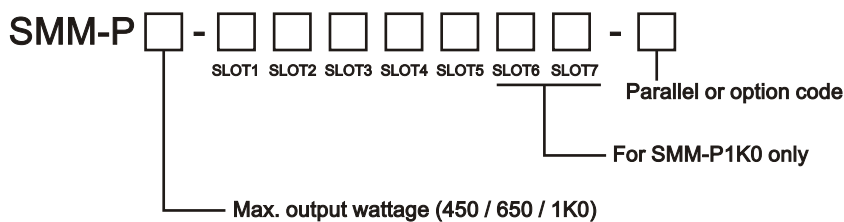
Modular Series 450W/650W/1000W Modular Power **PRETA**

📖 Features

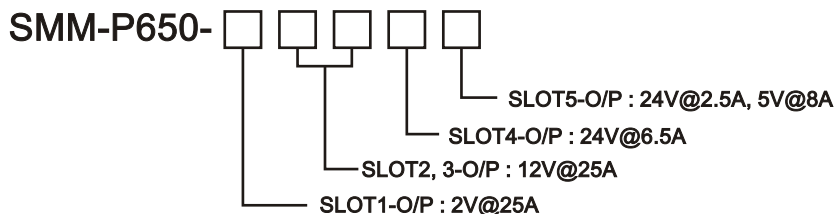
- Millions of output configuration is available
- Using ZVS technology to reduce power dissipation and improve efficiency
- Universal AC input / Full range
- Built-in constant current limiting circuit for single output modules
- Remote control on each output module
- Remote sense on each output module (SMM-S75/150/300)
- Short circuit / Overload / Over voltage protections for all module
- Cooling by built-in DC fan with fan alarm function
- Built-in parallel function for SMM-S300 (up to 3 units)
- Additional 12V/0.1A auxiliary output for remote control
- 3 years warranty



🔗 Output Configuration Guide



Example :



🔗 General Specification

Type	SMM-P450	SMM-P650	SMM-P1K0
AC input voltage range	85 ~ 264VAC or 120 ~ 370VDC		
Power factor	PF > 0.95 / 230VAC, PF > 0.98 / 115VAC at full load		
AC inrush current (max.)	Cold start, 40A at 230VAC	Cold start, 50A at 230VAC	Cold start, 40A at 230VAC
Max output voltage	450W	650W	1000W
Efficiency (typical)	83%	85%	84%
Over temperature protection	Output shutdown, auto-recovery		
Fan alarm	Output shutdown when fan malfunction		
Withstand voltage	I/P - O/P : 3kVAC, I/P - FG : 1.5kVAC, O/P - FG : 0.5kVAC, 1 minute		
Working temperature	-20 ~ +50°C@100%, +70°C@50% load		
Connection	Input side : 3P/10mm pitch terminal black & JST B3B-XH		
Dimension (L*W*H)(mm)	254 x 127 x 63.5	278 x 127 x 63.5	278 x 177.8 x 63.5

■ SMM-S75 : 1-SLOT single output (75W max.)

Item Coed	Output	Peak I	Vdc adj.	Tol.	R&N.
L	3.3V, 0~15A	17.3A	2.6~4.0V	±2%	80mV
M	5V, 0~15A	17.3A	4.0~6.0V	±2%	80mV
N	12V, 0~6.3A	7.30A	9.0~13.2V	±1%	150mV
O	15V, 0~5.0A	5.80A	13.2~16.8V	±1%	150mV
P	24V, 0~3.2A	3.70A	20.0~26.4V	±1%	150mV
Q	48V, 0~1.6A	1.80A	40.0~53.0V	±1%	250mV

■ SMM-S150 : 1-SLOT single output (150W max.)

Item Coed	Output	Peak I	Vdc adj.	Tol.	R&N.
A	2V, 0~25A	30.0A	1.6~2.6V	±3%	50mV
B	3.3V, 0~25A	30.0A	2.6~4.0V	±2%	80mV
C	5V, 0~25A	30.0A	4.0~6.0V	±2%	80mV
D	7.5V, 0~18A	20.7A	6.0~9.0V	±2%	100mV
E	12V, 0~13A	15.0A	9.0~13.2V	±1%	150mV
F	15V, 0~10A	11.5A	13.2~16.8V	±1%	150mV
G	18V, 0~8.5A	9.80A	16.8~20.0V	±1%	150mV
H	24V, 0~6.5A	7.50A	20.0~26.4V	±1%	150mV
I	27V, 0~5.8A	6.70A	25.0~31.0V	±1%	150mV
J	33V, 0~4.7A	5.40A	30.0~40.0V	±1%	250mV
K	48V, 0~3.2A	3.68A	40.0~53.0V	±1%	250mV

■ SMM-S300 : 2-SLOT parallelable single output (300W max.)

Item Coed	Output	Peak I	Vdc adj.	Tol.	R&N.
2A	2V, 0~50A	57.5A	1.6~2.6V	±3%	80mV
2B	3.3V, 0~50A	57.5A	2.6~4.0V	±2%	80mV
2C	5V, 0~50A	57.5A	4.0~6.0V	±2%	80mV
2D	7.5V, 0~40A	46.0A	6.0~9.0V	±2%	100mV
2E	12V, 0~25A	29.0A	9.0~13.2V	±1%	150mV
2F	15V, 0~20A	23.0A	13.2~16.8V	±1%	150mV
2G	18V, 0~16.7A	19.2A	16.8~20.0V	±1%	150mV
2H	24V, 0~12.5A	14.4A	20.0~26.4V	±1%	150mV
2I	27V, 0~11.2A	12.9A	25.0~31.0V	±1%	200mV
2J	33V, 0~9.1A	10.5A	30.0~40.0V	±1%	250mV
2K	48V, 0~6.3A	7.2A	40.0~53.0V	±1%	300mV

■ SMM-D100 : 1-SLOT isolated dual output (100W max.)

Item Coed	Output	Vdc adj.	Tol.	R&N.
R	5V, 2.0~10A	4.75~5.5V	±3%	90.0W
S	5V, 0.0~8.0A	4.75~5.5V	±3%	100.4W
	5V, 2.0~10A	4.75~5.5V	±3%	
T	12V, 0.0~5.8A	11.4~13.2V	±3%	101.0W
	5V, 2.0~10A	4.75~5.5V	±3%	
U	15V, 0.0~4.7A	14.2~16.5V	±3%	100.0W
	24V, 0.5~3.0A	22.8~26.4V	±3%	
V	5V, 0.0~10A	4.75~5.5V	±3%	100.8W
	24V, 0.6~3.0A	22.8~26.4V	±2%	
W	12V, 0.0~4.7A	11.4~13.2V	±3%	100.8W
	12V, 1.0~5.0A	11.4~13.2V	±2%	
X	12V, 0.0~5.8A	11.4~13.2V	±3%	100.5W
	15V, 1.0~4.7A	14.2~16.5V	±2%	
	15V, 0.0~4.7A	14.2~16.5V	±3%	

Parallel Connection Accessory

SM-FAP-001
(For SMM-S300)



Series Connection Accessory

SM-FAS-001
(For 1-slot modules)



SM-FAS-002
(For 2-slot modules)

