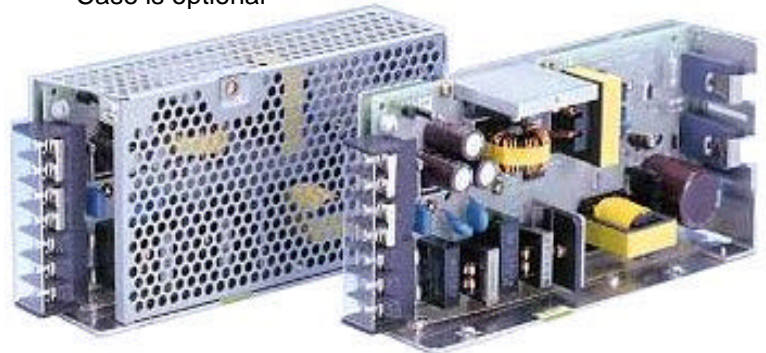




Country of Origin : Japan
 Operating Temperature : -10 ~ 65° C
 Dimension : 189 x 93 x 50 mm
 Approvals / Marks : UL, c-UL, TÜV, CE

Case is optional



Features:

Open Frame or Enclosed (Optional)
 Universal input 85 ~ 264VAC with Power Factor Correction
 Inrush current limiting / Overload & over voltage protection
 Power On LED / Remote Sensing / Remote On/Off (Optional)
 3 year warranty

Specification:

MODEL		PAA100F-3	PAA100F-5	PAA100F-12	PAA100F-15	PAA100F-24	PAA100F-48
OUTPUT	Voltage	3V	5V	12V	15V	24V	48V
	Load max.	20A	20A	8.5A	7A	4.5A	2.1A
	Load Regulat. (max)	40mV	40mV	100mV	120mV	150mV	240mV
	Line Regulat. (max)	20mV	20mV	48mV	60mV	96mV	192mV
	Ripple & N (0~50°C)	120mV	120mV	150mV	150mV	150mV	400mV
	Efficiency (200VAC)	65%	74%	76%	77%	79%	79%
Max. Output Power		60W	100W	102W	105W	108W	100.8W
Output Voltage adjustment range		2.85~3.6V	4.5~5.5V	10.8~13.2V	13.5~16.5V	21.6~26.4V	43.2~52.8V
INPUT	Voltage	85 ~ 264VAC Universal full range					
	Frequency	47 ~ 63 Hz					
	Current (100V / 200V)	0.9A / 0.45A		1.4A @ 100VAC / 0.7A @ 200VAC input			
	Inrush Current	<20A @ 100VAC / <40A @ 200VAC input, full load condition. Cold start.					
	Leakage Current	<0.75mA					
	P.F.C.	0.99@100V / 0.95@200V					
PROTECTION	Overload	> 105% of rating, Shutdown, auto recovery					
	Over Voltage	4.0~5.25V	5.75~7.0V	13.8 ~ 16.8V	17.25 ~ 21V	27.6 ~ 33.6V	55.2 ~ 67.2V
OTHERS	Startup time (max)	500ms@85VAC full load					
	Holdup time (typ)	20ms @ full load					
	Cooling	Free Air Convection					
	Withstand Voltage	I/P-O/P • RC : 3KVAC, I/P-FG : 2KVAC, O/P • RC-FG: 0.5KVAC // O/P-RC : 0.1KVAC / 1 minute					
	Isolation Resistance	500VDC / 50M Ohm (at room temperature) // O/P-RC : 100VDC / 10M Ohm					
	Input Fuse	250VAC / 3A					
	Power On LED	Yes (green)					
	Remote Sensing	Yes					
	Remote On/Off	Optional (RC+/RC- : 4.5~12.5V = Power ON / 0~0.5V = Power OFF) {add R to model name e.g.: PAA100F-12R}					
Case	Optional { add N to model name e.g.: PAA100F-12N }						
Switching Frequency		140 KHz					
Environment	Temperature	Operating: -10 ~ 65°C / Derating: see derating curve / Storage: -20 ~ 75°C					
	Humidity	Operating: 20% ~ 90% RH / Storage: 20% ~ 90% RH (non condensing)					
	Altitude (max)	10000ft. (3000m)					
	Vibration	19.6 m/s ² (2G), 10~55Hz, 3 min. period, 60 min. along each axis (X,Y & Z)					
	Impact	196.1 m/s ² (20G), 11 ms, once per axis (X,Y & Z)					
SAFETY		Approved: UL 60950-1 / c-UL (CSA60950-1) / TÜV EN60950-1 / IEC 60950 / EN50178					
EMC	EMI	FCC CFR 47 Part 15 Class B / CISPR22-B / EN 55022-B					
	EMS	EN61000-3-2					
WEIGHT		N.W.: 0.7 kg (without case)					