



Input Specs	Rated input voltage	120-277Vac
	Range input voltage	108-305Vac
	Input current	<1.3A
	Input frequency	50/60Hz
	Input frequency range	47-63Hz
	Turn on delay time	≤500ms
	No-load power consumption	≤2W
	Inrush current	<60A
	Power factor(@70%Load to Full load)	≥0.9
	THD(@70%Load to Full load)	≤20%

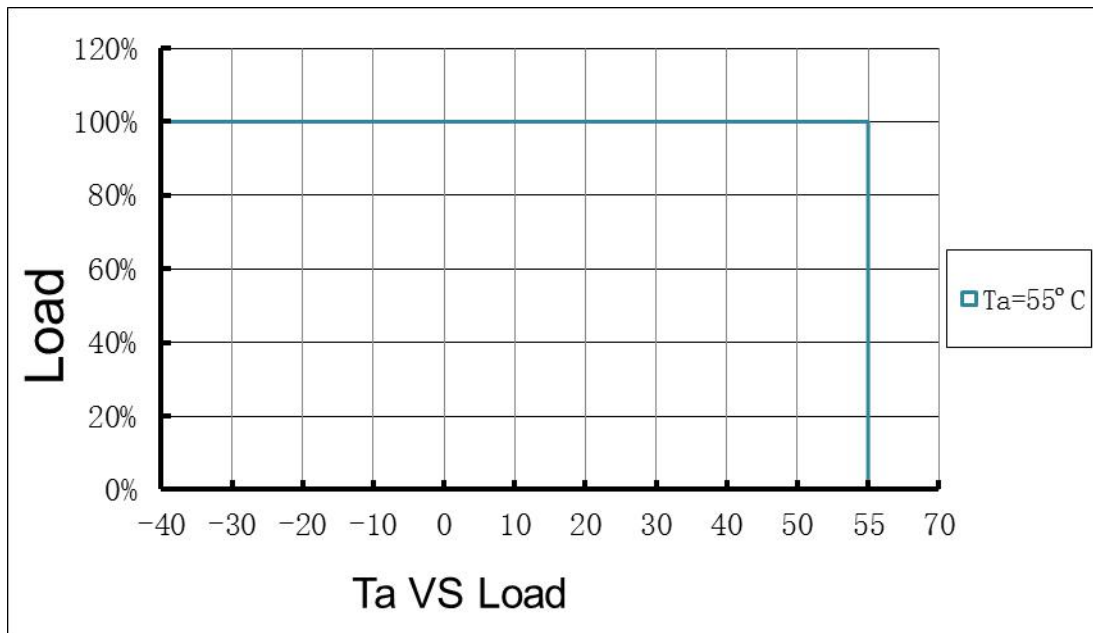
Model Number	Output Voltage Range	Rated Current	OVP	Output Power(Rated)	Efficiency (Full Load)		Output Ripple(Peak to Peak)
					@120Vac	@277Vac	
WP-HHA-120U0402900	27-40	2900	50	116	≥88	≥89	<4V

Environmental

Safety&EMC	Safety Standards	UL8750/CAN/CSA-C22.2 NO. 250.13
	EMC	EN55015 and FCC part 15 class B.
Hi-Pot	I/P-O/P	1.6KVac,5mA,60S;
	I/P-FG	1.5KVac,5mA,60S;
	O/P-FG	1.5KVac,5mA,60S;
lightning surge	ICE61000-4-5	L-N :4KV
		L&N-PE:6KV
Insulation Resistance	I/P-O/P; O/P-FG; I/P-FG	100Mohm/500Vdc
Leakage current	277Vac input / 277V	<0.75mA
Environmental	MTBF	200,000 hours at 25℃ ambient temperature
	Operation temperature	-40 ℃ to 55 ℃
	Humidity	10% to 90%
	Storage temperature	-40℃ to 80℃
	Protection Class	IP65
	Environment rating	RoHS
	Case Size(L*W*H)	L*W*H: 9.45" * 1.97" * 1.18"

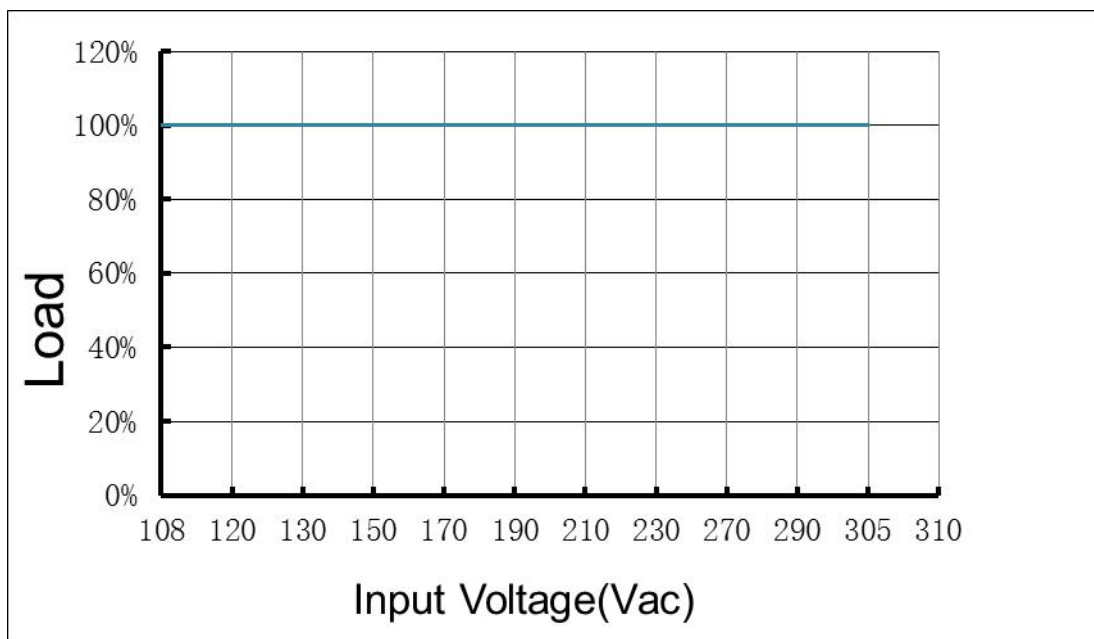
Derating curve

	-40° C	-25° C	0° C	25° C	45° C	55° C
120V	100%	100%	00%	100%	100%	100%
277V	100%	100%	100%	100%	100%	100%



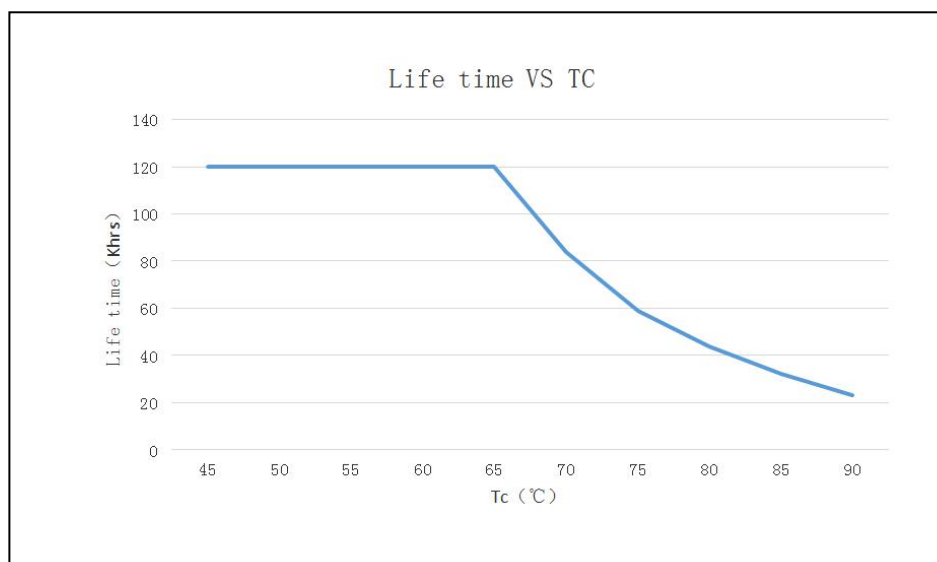
Static characteristics

108Vac	120V	220V	240V	277V	305V
100%	100%	100%	100%	100%	100%



Product life reference diagram

Case Temperature	50°C	60°C	70°C	75°C	80°C	90°C
Lifespan	120	120	81	58	42	22



Dimming function

1-10V Dimming/1-10V; 10-100% dimming scope 10-100%

Dimming Voltage (V)	0	1	2	3	4	5	6	7	8	9	10	OPEN
Percentage of rated current	10%	10%	20%	33%	46%	58%	71%	84%	97%	100%	100%	95%–105%

