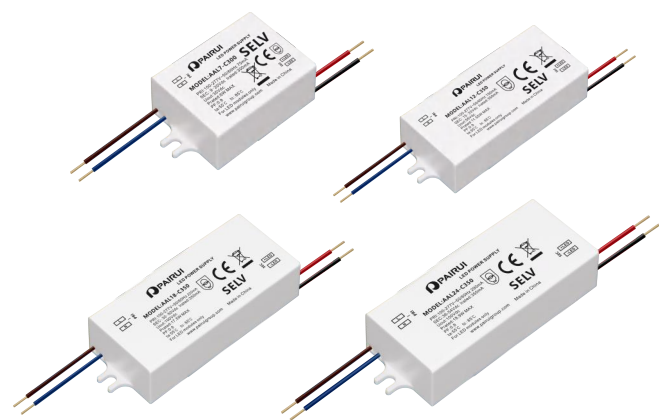


AAL Series



Product characteristics

- Output mode: constant current
- Rated input voltage: 100-264V
- Insulation class: Class II
- IP65
- Power ON time <1s



Technical data

Product Mode	Max. output Power (W)	Input Voltage (Vdc)	Output current (mA)	Output Voltage (Vdc)	PF	Max Eff	Size(mm)
AAL4-C300	4	100-264	300	3-14	0.9	66%	37*27*23
AAL7-C300	7	100-264	300	9-20	0.9	70%	37*27*23
AAL12-C350	12	100-264	350	15-33	0.9	82%	70*27*25
AAL18-C350	18	100-264	350	30-50	0.9	82%	37*27*23
AAL24-C350	24	100-264	350	36-54	0.9	85%	90*33*25

※If you need other parameters, please consult the corresponding sales staff

Product specification

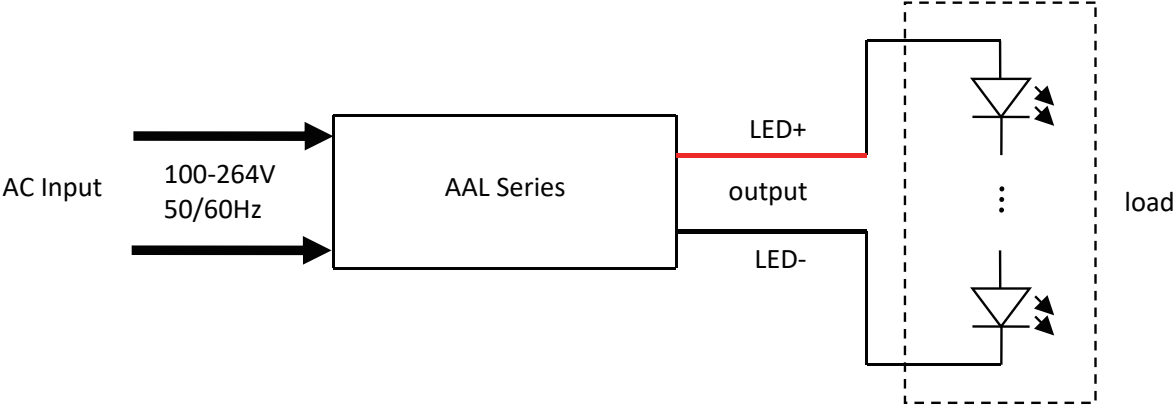
Technical data

Electrical specification

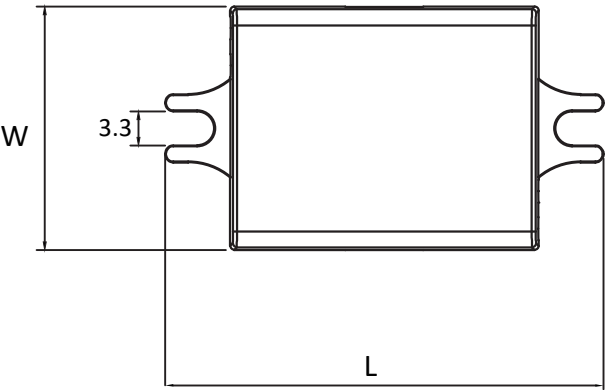
category	item	Technical index
Output parameter	Output mode	Constant current mode
	Rated output current	300,350mA
	Rated output voltage	3-14V,9-20V,15-33V,30-50V,36-54V
	Rated output power	4W/7W/12W/18W/24W Max (230VAC, full load)
	Strobe	< 5%
	Current accuracy	±5%
	Power ON time	< 1S (230VAC, Full-load)
Output parameter	Rated operatng voltage	100-264VAC
	Maximum operatng voltage range	100-264VAC
	Input current	≤0.29AMAX (176VAC, full load)
	Operatng frequency	47/63Hz
	Power factor	0.9
	No-load Power Consumption	≤1W (230VAC)
	Surge current	≤20A & 350uS(230VAC,Full-load)
	THD	≤20%
	Leakage current	≤5mA
secure	Withstand voltage	I/P-O/P: 3.0kV & 5mA & 60S
	Lightning strike	L-N:2KV
	Leakage current	<0.7mA (230V AC & Full load)
	Insulaton impedance	I/P-O/P: >100MΩ@500VDC
Environment & Life	Operatng temperature	Ta= -20-+60°C
	Casing temperature	Tc=85°C
	Working humidity	10- 95% RH non-condensing
	Storage temperature	-20+80°C non-condensing
	IP level	IP65
	Atmosphere	86kPa-106kPa
Certficaton & Standards	EMI	CE-EMC/RCM:EN55015, EN61000-3-2, EN61000-3-3 CCC:GB/T17743, GB17625.1, GB17625.2
	EMS	CE-EMC/RCM: EN61000-4-2,3,4,5(lightning strike1KV),6,11 CCC:GB/T17626.2,3,4,5(lightning strike 1KV),6,11
	withstand voltage	L-N ≤5mA @ 3750Vac ; 60S
	Isolation resistance	≥10MΩ@500VDC;60S
	Safety regulations and standards	UL8750

Product specification

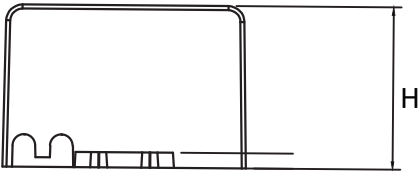
Technical data



unit: mm

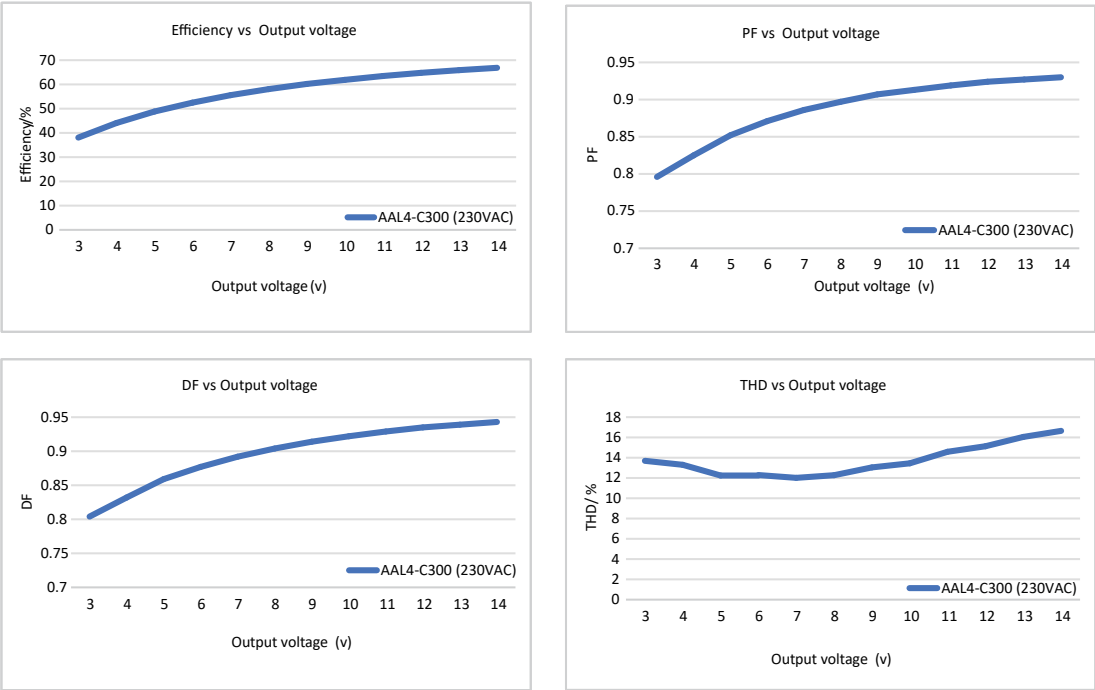


Model	L*W*H/mm
AAL4	50*27*23
AAL7	50*27*23
AAL12	70*27*25
AAL18	82*33*25
AAL24	90*33*25

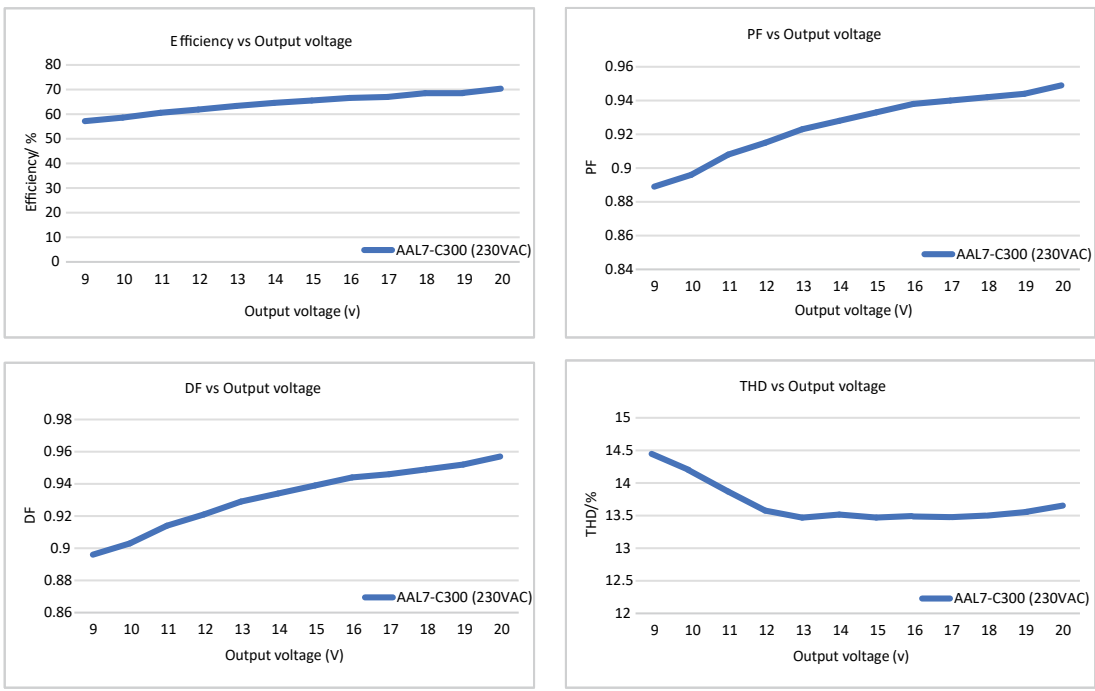


Electrical curves

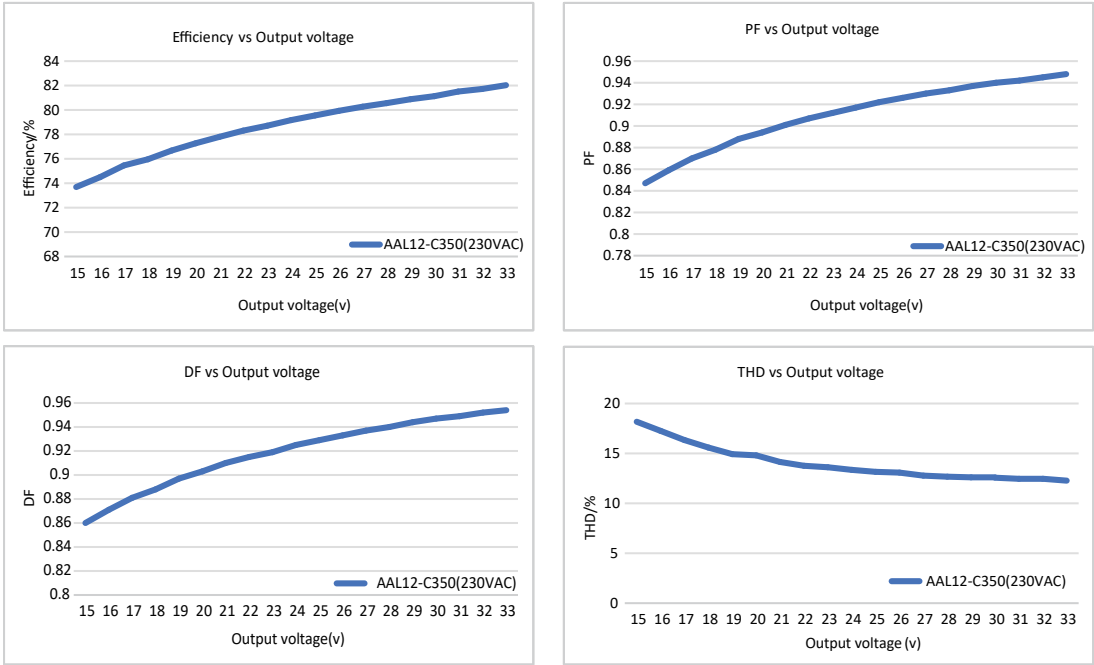
AAL4-C300



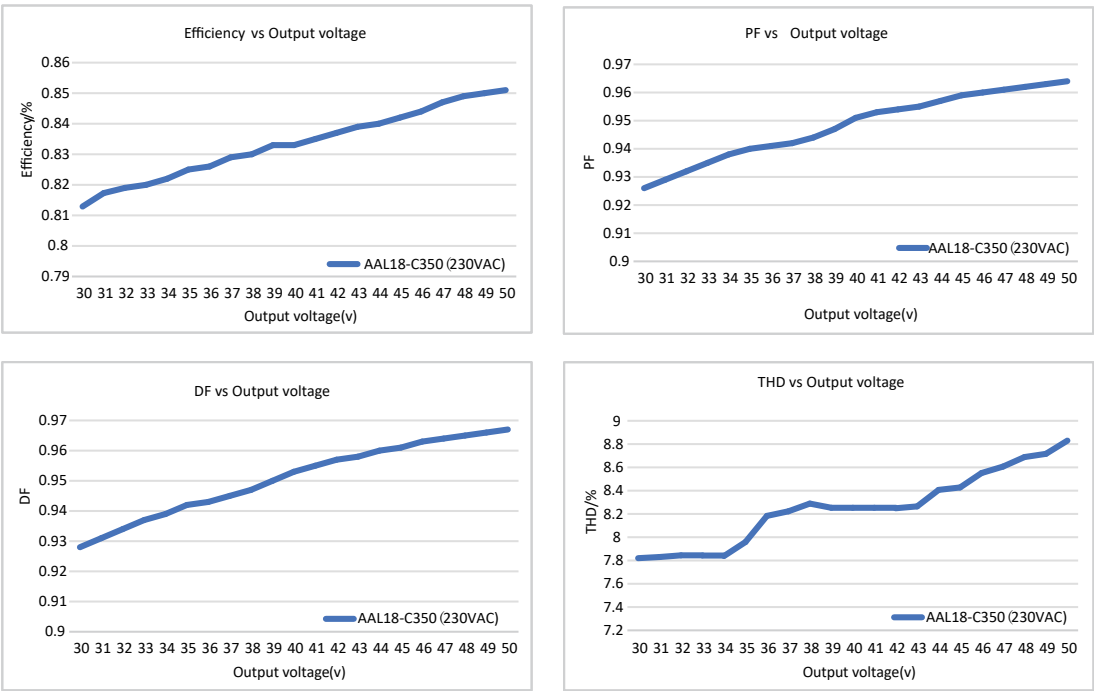
AAL7-C300



AAL12-C350

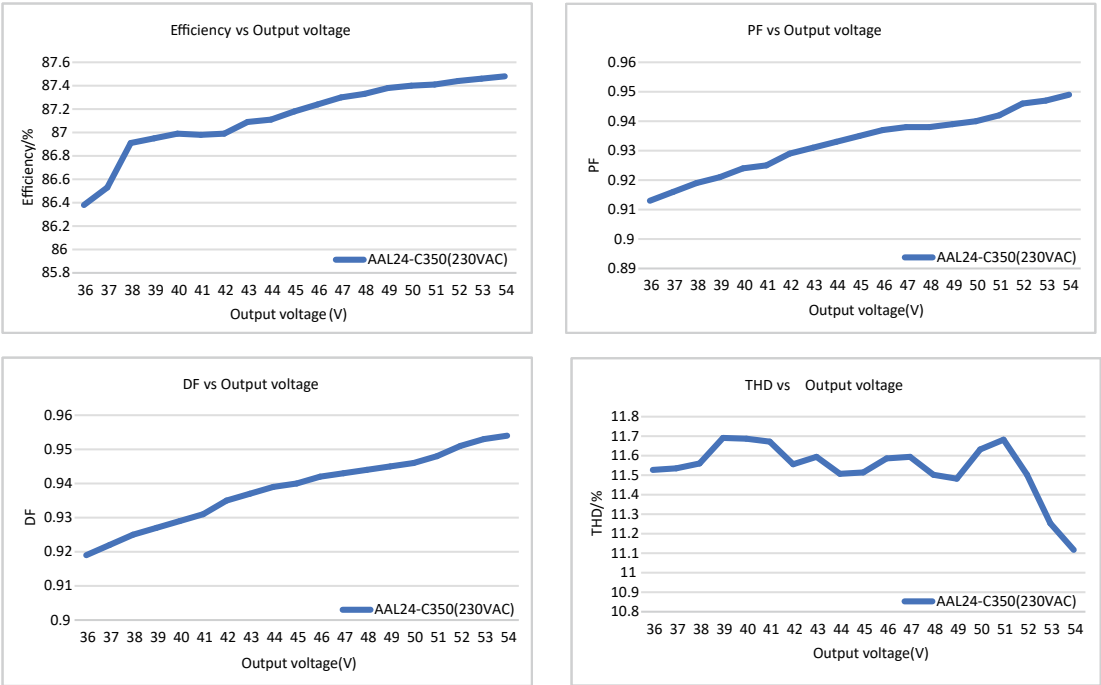


AAL18-C350



Electrical curves

AAL24-C350



Life curve graph

