

Features

- Universal AC input/Full range
- High efficiency up to 88%
- Output current up to 9A
- Low output ripple and noise
- High reliability
- Protections: Over load/over voltage/over temperature/short circuit
- IEC/EN/UL 60950-1
- RoHS6



General Specifications

	MPN	LAS15-H12CN-PJ-D	LAS24-H12CN-PJ-D	LAS240-19-12-5CN-FK-D	LAS60-220S36W	LAS75-220S48D
Input characteristics	Input voltage range	90-264Vac	90-264Vac	210-240Vac	90-264Vac	165-265Vac
	Inrush current	50A@264Vac input	50A@full load, 264Vac input, cold start	40A@冷启动, 25℃	50A@230Vac	-
Output characteristics	Output voltage	12Vdc	12Vdc	5/12/19Vdc	36Vdc	-48Vdc
	Output current	1.2A	2A	2/4/9A	1.67A	1.5A
	Line regulation	±0.5%Vo	±3%Vo	±1%Vo	-	±1%Vo
	Load regulation	±5%Vo	±5%Vo	±5%Vo	±5%Vo	±1%Vo
	Output voltage precision	-	±5%Vo	±5%Vo	-	±1%Vo
	Capacitive load	1500μF	1000μF	-	-	-
	Dynamic response	10.8-13.2Vdc@25%-80% lo, di/dt=0.5A/μS	±2%Vo/0.5ms@20%-80% lo, di/dt=0.5A/μS	±5%Vo/500μs @25%-50%-25% or 50%-75%-50%lo, di/dt=0.5A/μS	-	±5%Vo/1.5ms
	Ripple and noise	150mVp-p	240mVp-p	200mV	300mVp-p	150mVp-p
	Turn-on delay time	3s	5s	-	-	-
	Hold-on time	10ms	20ms	-	-	-
	Rise time	60ms	100ms	-	-	-
Protection characteristics	Over load protection	1.6-5.0A, automatic recovery	2.2-3.6A, automatic recovery	19Vo: 18A(typ.) 12Vo: 8A(typ.) 5Vo: 2.2A(min.)	2.3A(min.)	2-3A, automatic recovery
	Short circuit protection	automatic recovery	automatic recovery	automatic recovery	automatic recovery	automatic recovery
Environmental characteristics	Operating temperature	0℃~40℃	0℃~40℃	-10℃~50℃	-45℃~+70℃	-25℃~+55℃
	Operating humidity	10%-90%RH	10%-90%RH	10%-95%RH	20%-85%RH	10%-90%RH
EMC& Safety	Safety	IEC/EN/UL 60950-1, GB4943	-	GB4943, CCC	UL60950-1, GB4943	IEC/EN/UL 60950-1, GB4943
	Isolation voltage	I/P-O/P: 3kVac, 1 minute	-	I/P-O/P: 3kVac, I/P-FG: 1.5kVac O/P-FG: 0.5kVac 1 minute	I/P-O/P: 4kVac, I/P-FG: 1.5kVac, O/P-FG: 0.5kVac	I/P-O/P: 3kVac, I/P-FG: 1.5kVac O/P-FG: 0.5kVac 1 minute
	Isolation resistance	100MΩ	-	10MΩ	-	100MΩ
	EMC	GB9254-1998; GB17625.1-2003, EN 55022 Class B, EN 61000-4-2,3,4,5,6	EN55022 Class B, IEC 61000-4-2,3,4,5,6	EN55022 Class A, EN61000-4-3,6, IEC61000-4-2,4,5	EN 55022 Class B, IEC 61000-4-2,4,5	-

Order information

MPN	Input voltage	Output voltage/Output current	Power	Efficiency	Physical dimensions
LAS15-H12CN-PJ-D	90-264Vac	12Vdc/1.2A	15W	75%	75*40.5*40mm
LAS24-H12CN-PJ-D	90-264Vac	12Vdc/2A	24W	78%	100*50.6*39.2mm
LAS240-19-12-5CN-FK-D	210-240Vac	19Vdc/9A, 12Vdc/4A, 5Vdc/2A	240W	85%	251*96*47mm
LAS60-220S36W	90-264Vac, 122-370Vdc	36Vdc/1.67A	60W	88%	109*58.5*30mm
LAS75-220S48D	165-265Vac	-48Vdc/1.5A	72W	88%	157*82*38mm

Note: All information contained in this datasheet is subject to change without notice, please visit our official website www.suplet.com for the latest information and refer to the user manual for more details.