

SMPS 12V		LT030-12V	LT60-12V	LT80-12V	LT100-12V	LT150-12V	LT200-12V	LT300-12V	LTS300-12V
Model		LT030-12V	LT60-12V	LT80-12V	LT100-12V	LT150-12V	LT200-12V	LT300-12V	LTS300-12V
Input									
AC input voltage rating		220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac
AC input voltage range		200-240Vac	200-240Vac	200-240Vac	200-240Vac	200-240Vac	200-240Vac	200-240Vac	200-240Vac
AC input frequency range		47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz
Input current		0.34A Max.	0.55A	0.75A Max.	0.84A Max.	1.41A	1.60A	2.30A Max.	2.1A Max.
Input power		30W Max.	60W	80W Max.	100W Max.	150W	200W	300W Max.	300W Max.
Power factor		0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.64 Min	0.6 Min	0.6 Min
Efficiency(Min)		80% Min	85%	85% Min	83% Min	85% Min	85% Min	85% Min	90%
Efficiency(Max)		88%	90%	90%	86%	90%	91%	94%	92%
Output									
Output Voltage		12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V
Rated load current		2.2A	4.5A	6.0A	7.0A	10.0A	14.0A	21.0A	21.0A
MAX load current		2.4A	5.0A	6.6A	8.0A	12.0A	15.0A	23.0A	23.0A
Rated output power		29W	54W	72W	84W	120W	168W	264W	264W
Min. load current		100mA	-	-	100mA	100mA	100mA	100mA	-
Output tolerance		±5%	±3%	±3%	±5%	±5%	±5%	±5%	±5%
Ripple and Noise		1000mVp-p	240mV Max.	240mV Max.	1000mVp-p	1000mVp-p	1000mVp-p	1000mVp-p	240mV Max.
Environments									
Operating temperature		-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Storage temperature		-30°C to +70°C	-40°C to +90°C	-40°C to +90°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-40°C to +90°C
Operating humidity		20% to 90% R.H.	10% to 90% R.H.	10% to 90% R.H.	20% to 90% R.H.	20% to 90% R.H.	20% to 90% R.H.	20% to 90% R.H.	10% to 90% R.H.
Storage humidity		0% to 95% R.H.	-	0% to 95% R.H.	0% to 95% R.H.	0% to 95% R.H.	0% to 95% R.H.	0% to 95% R.H.	-
Dimension									
Product	LxWxD(mm)	181*27*20	192*35*19	192*35*19	179*44*34	193*44*34	208*44*34	226*72*46	208*44*30
	Weight(g)	124	161	161	384	422	451	1015	440
In Box	LxWxD(mm)	185*30*20	195*37*20	195*37*20	195*57*40	210*60*40	225*60*40	245*100*50	225*60*40
	Weight(g)	9	10	10	37	39	41	64	41
C/T Box	LxWxD(mm)	360*195*235	210*400*235	210*400*235	335*210*270	335*225*275	335*240*270	260*210*285	335*240*270
	Weight(g)	400	423	423	410	420	440	396	440
	Unit(EA)	100	100	100	30	30	30	10	30
1 Box	Weight(kg)	14	18	18	13.5	14.5	15.5	12	15.5
length of connect lines(mm)		160-170	170-180	170-180	170-180	170-180	170-180	180-190	170-180

SMPS 24V		LT030-24V	LT60-24V	LT80-24V	LT100-24V	LT150-24V	LT200-24V	LT300-24V	LTS300-24V
Model		LT030-24V	LT60-24V	LT80-24V	LT100-24V	LT150-24V	LT200-24V	LT300-24V	LTS300-24V
Input									
AC input voltage rating		220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac
AC input voltage range		200-240Vac	200-240Vac	200-240Vac	200-240Vac	200-240Vac	200-240Vac	200-240Vac	200-240Vac
AC input frequency range		47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz
Input current		0.34A Max.	0.55A	0.75A Max.	0.84A	1.13A	1.35A	2.0A Max.	2.1A Max.
Input power		30W Max.	60W	80W Max.	100W Max.	150W Max.	200W Max.	300W Max.	300W Max.
Power factor		0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.6 Min	0.6 Min
Efficiency(Min)		80% Min	85%	85% Min	83% Min	85% Min	85% Min	85% Min	90%
Efficiency(Max)		88%	90%	90%	87%	95%	92%	85%	92%
Output									
Output Voltage		24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V
Rated load current		1.1A	2.3A	2.7A	3.5A	5.0A	7.0A	10.5A	10.5A
MAX load current		1.3A	2.3A	3.0A	4.0A	6.2A	8.3A	12.0A	12.5A
Rated output power		30W	-	-	84W	132W	180W	264W	-
Min. load current		100mA	-	-	100mA	100mA	100mA	100mA	-
Output tolerance		±5%	±3%	±3%	±5%	±5%	±5%	±5%	±5%
Ripple and Noise		1000mVp-p	240mV Max.	240mV Max.	1000mVp-p	1000mVp-p	1000mVp-p	1500mVp-p	240mV Max.
Environments									
Operating temperature		-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Storage temperature		-30°C to +70°C	-40°C to +90°C	-40°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-40°C to +90°C
Operating humidity		20% to 90% R.H.	10% to 90% R.H.	10% to 90% R.H.	20% to 90% R.H.	20% to 90% R.H.	20% to 90% R.H.	20% to 90% R.H.	10% to 90% R.H.
Storage humidity		0% to 95% R.H.	-	0% to 95% R.H.	0% to 95% R.H.	0% to 95% R.H.	0% to 95% R.H.	0% to 95% R.H.	-
Dimension									
Product	LxWxD(mm)	181*27*20	192*35*19	192*35*19	179*44*34	193*44*34	208*44*34	226*72*46	208*44*30
	Weight(g)	124	161	162	384	422	451	1015	440
In Box	LxWxD(mm)	185*30*20	195*37*20	195*37*20	195*57*40	210*60*40	225*60*40	245*100*50	225*60*40
	Weight(g)	9	10	10	37	39	41	64	41
C/T Box	LxWxD(mm)	360*195*235	210*400*235	210*400*235	335*210*270	335*225*275	335*240*270	260*210*285	335*240*270
	Weight(g)	400	423	423	410	420	440	396	440
	Unit(EA)	100	100	100	30	30	30	10	30
1 Box	Weight(kg)	14	18	18	13.5	14.5	15.5	12	15.5
length of connect lines(mm)		160-170	170-180	170-180	170-180	170-180	170-180	180-190	170-180