

제품 스펙 사항 -12V 모델																
모델명	LSP030-12V	SP040-12V(PF)	LT060-12V	LT60-12V(솔림)	LT070	LSP100-12V(솔림)	NSP100-12V	NSP150-12V	NSP210-12V	LT300	NSP310-12V(솔림)	LT400-12V	LSP400-12V(솔림)	LT500-12V	LT700-12V	
Input																
AC input voltage rating	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	
AC input voltage range	200-240Vac	200-240Vac	210-230Vac	200-240Vac	210-230Vac	200-240Vac	200-240Vac	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	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	
Input current	0.34A	0.18A	0.55A	0.55A	0.68A	0.74A	0.84A Max.	1.41A	1.60A	2.30A Max.	2.1A Max.	2.50A Max.	2.50A Max.	3.30A	4.2A Max.	
Input power	30W	40W	60W	60W	66W	100W	100W Max.	150W	200W	300W Max.	300W Max.	350W Max.	360W Max.	480W Max.	600W Max.	
Power factor	0.5 Min	0.95	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.64 Min	0.6 Min	0.6 Min	0.6 Min	0.6 Min	0.6 Min	0.5 Min	
Efficiency(Min)	80% Min	80% Min	80% Min	85%	80% Min	88% Min	83% Min	85% Min	85% Min	85% Min	90%	85% Min	88% Min	88% Min	88% Min	
Efficiency(Max)	88%	88%	96%	90%	96%	92%	86%	90%	91%	94%	92%	93%	92%	92%	90%	
Output																
Output Voltage	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	
Rated load current	2.2A	3.0A	4.5A	4.5A	5.0A	7.5A	7.0A	10.0A	14.0A	23.0A	23.0A	28.0A	28.0A	37.0A	45.0A	
MAX load current	2.5A	3.0A	5.0A	5.0A	5.5A	8.2A	8.2A	12.0A	15.0A	23.0A	23.0A	28.0A	30.0A	40.0A	50.0A	
Rated output power	26W	36W	54W	54W	60W	90W	84W	120W	168W	276W	276W	336W	336W	444W	540W	
Min. load current	100mA	100mA	100mA	-	100mA	-	100mA	100mA	100mA	100mA	-	100mA	-	100mA	-	
Output tolerance	±5%	±5%	±8%	±3%	±8%	±3%	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±2%	
Ripple and Noise	1000mVp-p	1000mVp-p	-	240mV Max.	-	500mV Max.	1000mVp-p	1000mVp-p	1000mVp-p	1000mVp-p	240mV Max.	1000mVp-p	-	1000mVp-p	240mV Max.	
Environments																
Operating temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	
Storage temperature	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-40°C to +90°C	-30°C to +70°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	-30°C to +70°C	-40°C to +90°C	-30°C to +70°C	-40°C to +90°C	-30°C to +70°C	
Operating humidity	20% to 90% R.H.	20% to 90% R.H.	20% to 90% R.H.	10% to 90% R.H.	20% 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.	20% to 90% R.H.	20% to 90% R.H.	10% 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.	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.	0% to 95% R.H.	
Dimension																
제품	규격(mm)	148*27*20	181*27*20	132*46*30	192*35*19	153*44*34	192*35*19	178*44*30	188*44*30	198*44*30	218*72*46	208*44*30	226*72*46	217*52*33	260*78*53	278*78*53
	무게(g)	105	120	225	160	315	155	355	375	40	930	425	960	535	1370	1770
In Box	규격(mm)	155*33*20	185*33*20	135*49*31	195*37*20	175*62*37	195*37*20	195*62*32	200*62*32	215*62*32	245*97*50	225*62*32	245*97*50	235*70*48	270*90*56	290*100*56
	무게(g)	8	9	13	10	35	10	37	39	41	68	41	68	50	80	94
C/T Box	규격(mm)	370*165*235	365*195*235	290*265*180	210*400*235	370*335*230	210*400*235	335*210*230	335*220*230	335*230*230	260*210*285	335*240*230	260*210*285	300*250*220	285*205*318	305*215*318
	무게(g)	385	400	460	423	720	423	410	420	440	396	440	396	365	445	520
	수량(EA)	100	100	50	100	50	100	30	30	30	10	30	10	20	10	10
1 Box	총 중량(kg)	11.7	13.3	12.4	17.4	18.2	17	12.2	12.8	13.7	10.4	14.5	10.7	12.1	15	19.2
length of connect lines(mm)	150-160	160-170	140-150	170-180	170-180	170-180	170-180	170-180	170-180	170-180	180-190	170-180	180-190	180-190	180-190	180-190
Certification number	JH11728-22001	JH11728-21002	JH11728-17006	JH11728-19002	JH11728-16002	JH11728-21004	JH11728-24001	JH11728-24001	JH11728-24002	JH11728-16003	JH11728-24002	JH11728-16006	JH11728-22002	JH11728-17002	JH11728-19001	

제품 스펙 사항 - 24V 모델																
모델명	LSP030-24V	SP040-24V(PF)	LT060-24V	LT60-24V(솔림)	LT070-24V	LSP100-24V(솔림)	NSP100-24V	NSP150-24V	NSP210-24V	LT300-24V	NSP310-24V(솔림)	LT400-24V	LSP400-12V(솔림)	LT500-24V	LT700-24V	
Input																
AC input voltage rating	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	220Vac	
AC input voltage range	200-240Vac	200-240Vac	210-230Vac	200-240Vac	210-230Vac	200-240Vac	200-240Vac	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	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	
Input current	0.34A	0.18A	0.55A	0.55A	0.68A	0.74A	0.84A	1.13A	1.35A	2.0A Max.	2.1A Max.	2.20A Max.	2.50A Max.	3.30A Max.	4.2A Max.	
Input power	30W	40W	60W	60W	70W	100W	100W Max.	150W Max.	200W Max.	300W Max.	300W Max.	350W Max.	360W Max.	435W Max.	600W Max.	
Power factor	0.5 Min	0.95	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.6 Min	0.6 Min	0.6 Min	0.6 Min	0.6 Min	0.5 Min	
Efficiency(Min)	80% Min	80% Min	80% Min	85%	80% Min	88% Min	83% Min	85% Min	85% Min	85% Min	90%	85% Min	88% Min	84% Min	88% Min	
Efficiency(Max)	88%	88%	94%	90%	95%	92%	87%	95%	92%	85%	92%	89%	92%	85%	92%	
Output																
Output Voltage	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	
Rated load current	1.1A	1.5A	2.3A	2.3A	2.5A	3.7A	3.5A	5.0A	7.0A	11.5A	11.5A	14.0A	14.0A	17.0A	22.5A	
MAX load current	1.25A	1.5A	2.5A	2.3A	2.6A	4.1A	4.1A	6.2A	8.3A	11.5A	11.5A	14.0A	15.0A	17.0A	22.5A	
Rated output power	26W	36W	55W	55W	60W	89W	84W	120W	168W	276W	276W	336W	336W	408W	540W	
Min. load current	100mA	100mA	200mA	-	200mA	-	100mA	100mA	100mA	100mA	-	100mA	-	100mA	-	
Output tolerance	±5%	±5%	±8%	±3%	±8%	±3%	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±2%	
Ripple and Noise	1000mVp-p	1000mVp-p	-	240mV Max.	-	500mV Max.	1000mVp-p	1000mVp-p	1000mVp-p	1500mVp-p	240mV Max.	1500mVp-p	-	1500mVp-p	240mV Max.	
Environments																
Operating temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	
Storage temperature	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-40°C to +90°C	-30°C to +70°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	-30°C to +70°C	-40°C to +90°C	-30°C to +70°C	-40°C to +70°C	
Operating humidity	20% to 90% R.H.	20% to 90% R.H.	20% to 90% R.H.	10% to 90% R.H.	20% 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.	20% to 90% R.H.	10% 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.	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.	0% to 95% R.H.	
Dimension																
제품	규격(mm)	148*27*20	181*27*20	132*46*30	192*35*19	153*44*34	192*35*19	178*44*30	188*44*30	198*44*30	218*72*46	208*44*30	226*72*46	217*52*33	260*78*53	278*78*53
	무게(g)	105	120	225	160	315	155	355	375	40	930	425	960	535	1370	1770
In Box	규격(mm)	155*33*20	185*33*20	135*49*31	195*37*20	175*62*37	195*37*20	195*62*32	200*62*32	215*62*32	245*97*50	225*62*32	245*97*50	235*70*48	270*90*56	290*100*56
	무게(g)	8	9	13	10	35	10	37	39	41	68	41	68	50	80	94
C/T Box	규격(mm)	370*165*235	365*195*235	290*265*180	210*400*235	370*335*230	210*400*235	335*210*230	335*220*230	335*230*230	260*210*285	335*240*230	260*210*285	300*250*220	285*205*318	305*215*318
	무게(g)	385	400	460	423	720	423	410	420	440	396	440	396	365	445	520
	수량(EA)	100	100	50	100	50	100	30	30	30	10	30	10	20	10	10
1 Box	총 중량(kg)	11.7	13.3	12.4	17.4	18.2	17	12.2	12.8	13.7	10.4	14.5	10.7	12.1	15	19.2
length of connect lines(mm)	150-160	160-170	140-150	170-180	170-180	170-180	170-180	170-180	170-180	170-180	180-190	170-180	180-190	180-190	180-190	
Certification number	JH11728-22001	JH11728-21002	JH11728-17006	JH11728-19002	JH11728-16002	JH11728-21004	JH11728-24001	JH11728-24001	JH11728-24002	JH11728-16003	JH11728-24002	JH11728-16006	JH11728-22002	JH11728-17002	JH11728-19001	