

# Lithium Power Supply / Specifications

Lithium Power Supply (LPS)		LPS 1200W-60Ah	LPS 1500W-100Ah	LPS 2500W-100Ah
Model no.		014-02001GF	014-01004GF	014-03001GF
Battery type		Li-Ion 12V – 60Ah	Li-Ion 12V – 100Ah	Li-Ion 12V – 100Ah
Battery chemistry		LiFePO4	LiFePO4	LiFePO4
Battery capacity		60Ah (792Wh)	100Ah (1320Wh)	100Ah (1320Wh)
Available capacity		48Ah (634Wh)	80Ah (1050Wh)	80Ah (1050Wh)
AC Input Voltage		207 VAC – 253 VAC	207 VAC – 253 VAC	207 VAC – 253 VAC
AC Input frequency		45 Hz – 65 Hz	45 Hz – 65 Hz	45 Hz – 65 Hz
AC Input power (Charge power)		500 W (2,5A)	800 W (3,5A)	800 W (3,5A)
AC Output voltage		230 VAC pure sine wave	230 VAC pure sine wave	230 VAC pure sine wave
AC Output frequency		50 Hz	50 Hz	50 Hz
AC Output power	Continuously	1000 Wrms (4,5A)	1300 Wrms (6A)	2000 Wrms (8,5A)
AC Output power	15 min / 15 min / 10 min	1200 Wrms (5,5A) - 1800W (8A) / Socket	1500 Wrms (6,5A) - 1800W (8A) / Socket	2500 Wrms 11A) - 1800W (8A) / Socket
AC Output power	Peak (10sec)	2400 Wrms	3000 Wrms	5000 Wrms
DC Input voltage		12 - 15 VDC	12 - 15 VDC	12 - 15 VDC
DC Input continuous current		< 30 A	< 50 A	< 50 A
DC Output Voltage		13,2 VDC (9,2 - 15 VDC)	13,2 VDC (9,2 - 15 VDC)	13,2 VDC (9,2 - 15 VDC)
DC Output continuous current		60 ADC	60 ADC	60 ADC
DC Output Max Impulse current	20 min	70 A	70 A	70 A
	1 min	100 A	100 A	100 A
	10 Sec	150 A	150 A	150 A
Operating temperature	(Output will be limited below 0°C)	-20°C~50°C	-20°C~50°C	-20°C~50°C
Cooling		Forced air (fan)	Forced air (fan)	Forced air (fan)
Self-discharge rate per month	(Sleep mode)	< 3%	< 3%	< 3%
Operating mode self consumption	(Only DC Output active)	5 W	5 W	5 W
Operating mode self consumption	(Inverter and DC Output active)	22 W	22 W	35 W
Sleep mode consumption		< 25 mW	< 25 mW	< 25 mW
Connection 230VAC		Neutrik and Schuko	Neutrik and Schuko	Neutrik and Schuko
Connection 12VDC		Anderson SB50	Anderson SB50	Anderson SB50
IP rating		IP21	IP21	IP21
Product Weight		26 kg	28 kg	28 kg
Product dimensions in mm (HxWxL)		250x244x390	250x244x390	250x244x390
Package weight		28 kg	30 kg	30 kg
Package dimensions in mm (HxWxL)		350 x 355 x 495	350 x 355 x 495	350 x 355 x 495