

AC RETROFIT //

LXP 3600 ACS

(Single-Phase)



70A

Max. charge/discharge
current



3.6kW

Output power



10

Units parallel

- On/off grid seamless switching
- Retrofit on-grid/micro-grid systems for energy storage
- Octopus smart time of use and weather optimize
- Separate EPS port for flexible load management

NOTE:

Intelligent charge feature is only available in the UK for now, supporting regional customization

SPECIFICATIONS

Model	LXP 3600 ACS
Battery	
Compatible battery type	Lithium-ion / Lead-Acid
Rated battery voltage (V)	48
Battery voltage range (V)	40 ~ 60
Max. charging voltage (V)	60
Max. charging / discharging current (A)	70
Max. charging / discharging power (W)	3600
Force wake up battery from Grid function(Y/N)	YES
Grid	
Rated AC voltage (V)	230
Rated AC frequency (Hz)	50 / 60
Rated AC output current (A)	16
Rated AC output power (W)	3600
Max. AC input current (A)	26
PF	0.99 (Adjustable from 0.8 leading to 0.8 lagging)
THDI	< 3%
Max. continuous AC passthrough current (A)	40
UPS	
Rated output power (W)	3600
Rated output voltage (V)	230
Rated output current (A)	16
Rated output frequency (Hz)	50 / 60
Surge power, duration	4500W, 30s
Switching time	20ms
Wave form	Sine wave
THDV	< 3%
Parallel capacity	10
Efficiency	
Max. efficiency	97.3%
Max. charge / discharge efficiency	94.5%
Protection	
Over current / voltage protection	YES
Anti-islanding protection	YES
AC short-circuit current protection	YES
Grid monitoring	YES
AC surge protection	Type III
General	
Dimensions (W × H × D)	650 × 440 × 220 mm / 25.6 × 17.3 × 8.6 in
Weight	15.6 kg / 34.4 lbs
Ingress protection rating	IP65
Operating environment temperature range (°C)	-25 ~ 60
Storage temperature range (°C)	-40 ~ 65
Relative humidity	0 ~ 95%
Display & Communication interface	LCD, RS485 / Wi-Fi / CAN
Warranty	5 years
Cooling method	Natural Cooling
Topology	Transformerless
Max. operating altitude (m)	2000
Noise emission (db)	< 25
AC connector	YES

Standards & Certification

IEC62109-1, IEC62040, EN 61000-6-1:2007, EN 61000-6-3:2007+A1:2011+ AC:2012, EN 61000-3-2:2014, EN 61000-3-3:2013, VDE-AR-N 4105
EN50549-1/-10, G98, G99/G100