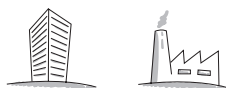




LP 11 Series - double conversion UPS

Applications



The on-line LP UPS Series is designed for a range of mission-critical applications. The LP UPS is easy to install and service, optimised for the office environment. The robust design allows for more traditional industrial applications.

Characteristics

The LP 11 UPS is a 1-phase in / 1-phase out, true VFI (Voltage & Frequency Independent) on-line double conversion, intelligent and heavy duty UPS. The VFI design concept enables the highest level of protection even under the toughest conditions.

The system power and reliability can be easily expanded by adding units, creating a redundant system with no single points of failure, utilizing GE's unique Redundant Parallel Architecture™ (RPA™) technology.

Function

Providing exceptionally reliable protection for electrical equipment

Standards / Marking

Safety: EN 50091-1-1; EN 60950;
IEC 60950

EMC: EN 50091-2; IEC 62040-2

Surge capability: IEC 61000-4-5
(6kV 1.2/50µs, 3kA 8/20µs)



Technical specifications (general)

Input voltage range	172-285 Vac
Input frequency range	40-70 Hz
Output voltage	220/230/240 Vac ± 1% (user selectable)
Output frequency	50 or 60 Hz, front selectable
Environment	IP 20 (IEC 60529)
Ambient operating temperature	-10 to 40°C
Relative humidity	95% non-condensing
Audible noise	40-55 dB(A), load and temperature dependent
Interfacing	std: RS232; optional: potential free contacts, SNMP
Standard features	ECO mode, SBM Superior Battery Management, boost charging
RPA	optional
Battery extension	optional for 5-10 kVA models, not available for 3 kVA
Backfeed protection	optional for 3-6 kVA models, not available for 8-10 kVA
Software compatibility	JUMP DataShield™, JUMP Manager™, IRIS

Runtime table (minutes)

LP 11 UPS model	3-11	5-11	6-11	8-11	10-11
at typical UPS load (75%)	16	16	12	18	12
VA/Watts 1000 / 800	34	62	62	112	112
2000 / 1600	15	30	30	57	57
3000 / 2400	8	14	14	37	37
5000 / 4000	-	9	9	20	20
6000 / 4800	-	-	7	16	16
8000 / 6400	-	-	-	10	10
10000 / 8000	-	-	-	-	7

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LP 11

<i>with batteries</i>	Rating (kVA)	Battery (V/Ah)	Runtime (minutes) at 100% load	Dimensions (hxxwxd, mm)	Net weight (kg)	DC connector (batt. ext.)	Ref. No.
	3	144/7	8	537x313x590	85	no ⁽¹⁾	*
	5	240/7	9	537x313x590	110	yes	*
	6	240/7	7	537x313x590	115	yes	*
	8	240/12	10	680x313x720	165	yes	*
	10	240/12	7	680x313x720	170	yes	*
LP 11 parallel with batteries							
	3	144/7	8	537x313x590	85	no ⁽¹⁾	*
	5	240/7	9	537x313x590	110	yes	*
	6	240/7	7	537x313x590	115	yes	*
	8	240/12	10	680x313x720	165	yes	*
	10	240/12	7	680x313x720	170	yes	*
LP 11 without batteries							
	3	-	-	537x313x590	53	no ⁽¹⁾	*
	5	-	-	537x313x590	58	yes	*
	6	-	-	537x313x590	63	yes	*
	8	-	-	680x313x720	93	yes	*
	10	-	-	680x313x720	98	yes	*
LP 11 parallel without batteries							
	3	-	-	537x313x590	53	no ⁽¹⁾	*
	5	-	-	537x313x590	58	yes	*
	6	-	-	537x313x590	63	yes	*
	8	-	-	680x313x720	93	yes	*
	10	-	-	680x313x720	98	yes	*
Battery cabinets with batteries							
for LP 5-11	240/7	24	537x313x590	70	no	*	
for LP 5-11	240/14	40	537x313x590	120	yes	*	
for LP 6-11	240/7	19	537x313x590	70	no	*	
for LP 6-11	240/14	32	537x313x590	120	yes	*	
for LP 8-11	240/7	20	537x313x590	70	no	*	
for LP 8-11	240/14	29	537x313x590	120	yes	*	
for LP 10-11	240/7	15	537x313x590	70	no	*	
for LP 10-11	240/14	23	537x313x590	120	yes	*	
Battery cabinets without batteries							
for LP 5/6/8/10-11	-	-	537x313x590	20	-	*	
Options for LP 11							
RPA Redundant Parallel Architecture kit (1 per unit)							*
Backfeed relay for LP 3/5/6-11							*
Connector and cable for 3rd party external battery							*

LP 11 - double conversion

A

B

X

(1) For longer runtimes choose LP 5-11
 * For ordering please contact customer service.

