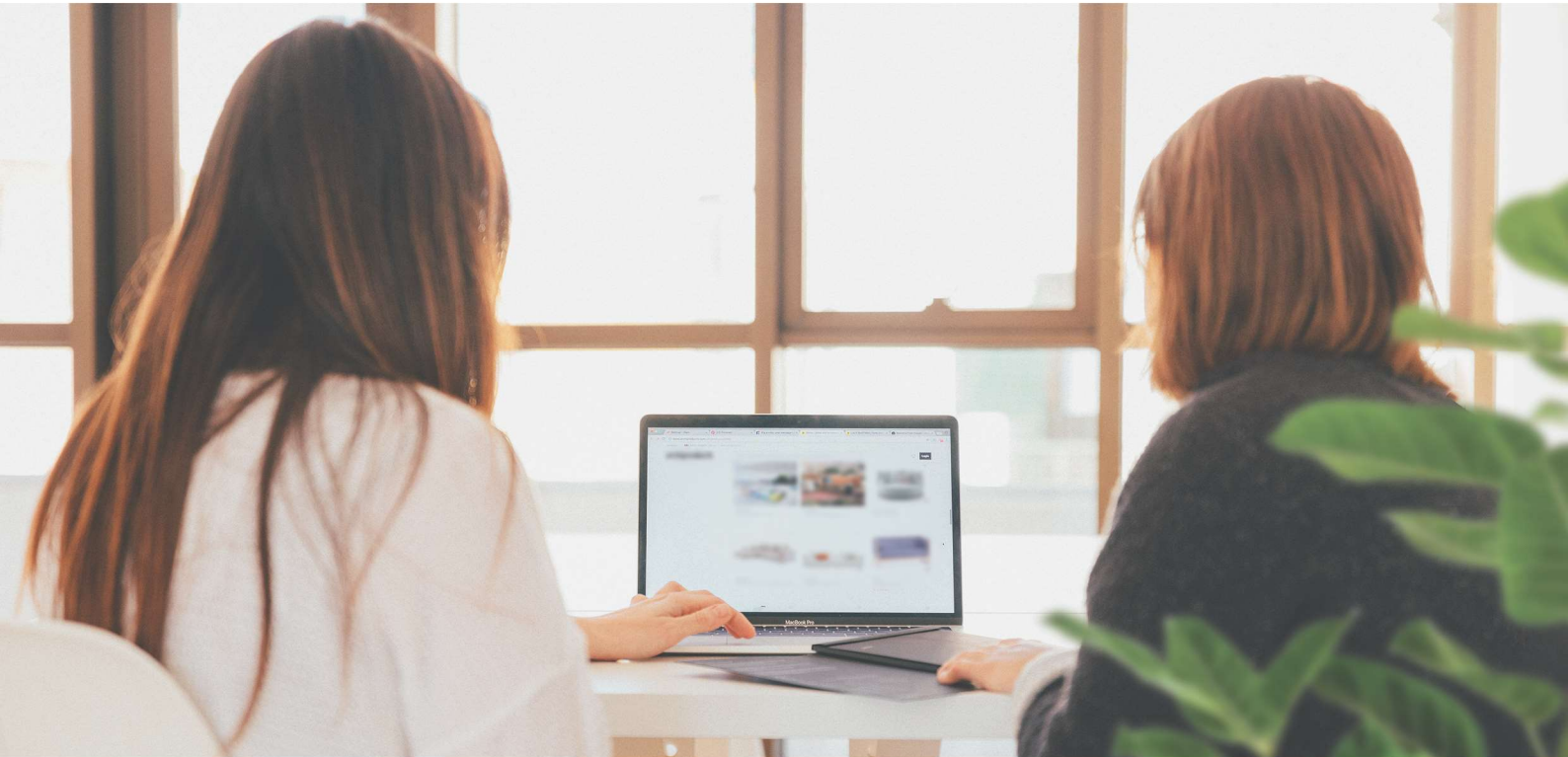


iDC FlexiPower Line-interactive Rack 1-3kVA

An economical with high efficiency line-interactive rackmounted UPS



Our iDC FlexPower Line-interactive UPS supporting 1-3kVA loads, is an ideal solution for small and medium operations offering cost effective and high efficiency to protect your IT equipment.

Key Features

- Rack/Tower dual set-up with rotatable LCD panel
- Power capacity: 1-3 kVA
- High output power factor of 0.9
- Built-in voltage regulator stabilizes unstable AC input power
- Flexible for installation
- Intelligent communication slot enables remote monitoring
- Optional EBM (Extended Battery Module) available for battery expansion



Think it.
Plan it.
Own it.

Technical Specification

Model	FP-LR-1K	FP-LR-1KS	FP-LR-2K	FP-LR-2KS	FP-LR-3K	FP-LR-3KS
Power Rating	1000VA/900W	1000VA/900W	2000VA/1800W	2000VA/1800W	3000VA/2700W	3000VA/2700W
Input Performance						
Voltage range	154~288VAC					
Frequency range	45-55Hz / 55-65 Hz					
Input wiring	Single phase with ground					
Current distortion (THDi)	10%					
Input Connection	IEC C14	IEC C14	IEC C20	IEC C20	IEC C20	IEC C20
Output Performance						
Output power factor	0.9					
Nominal output voltage	220/230/240VAC					
Voltage regulation (Line mode)	-10% ~ +6%					
Voltage regulation (Battery mode)	± 5 %					
Frequency range (Battery mode)	50/60 Hz ± 0.1 Hz					
Voltage distortion (THDv)	< 3% @ linear load, < 6% @ non-linear load					
Output waveform	Pure sine wave					
Parallel operation	N/A					
Output Connection						
Wiring/socket	8 x IEC C13	8 x IEC C13	8 x IEC C13	8 x IEC C13	8xIECC13,1xIECC19	8xIECC13,1xIECC19
Efficiency						
Line mode	97%					
AVR mode	Boost mode: 92%, Buck mode: 95%					
Battery mode	>82%	>82%	80%	80%	80%	80%
Battery						
Battery type	12V/7Ah	N/A	12V/7Ah	N/A	12V/9Ah	N/A
Number of internal battery	3	N/A	6	N/A	6	N/A
Rated battery voltage	36VDC	36VDC	72VDC	72VDC	72VDC	72VDC
Backup time (@ full load)	4.5 min	N/A	4.5 min	N/A	3 min	N/A
Recharge time (to 90%)	3 hours	N/A	3 hours	N/A	4 hours	N/A
Charging current	1.5A	7A	1.5A	7A	1.5A	7A
Transfer Time						
Battery mode ↔ Line mode	2-6 ms					
Display						
	LCD					
Audible Alarm						
	Yes					
Dimension						
W*H*D (mm)	438*86.5*435	438*86.5*435	438*86.5*604	438*86.5*604	438*86.5*604	438*86.5*604
Net Weight	16kg	10kg	28kg	16kg	31kg	16kg
Environment						
Operating temperature	0~40°C					
Noise level	<45dB					
Interface						
RS232/USB	Yes					
External slot	Yes					
Dry contact	Yes					
DCIM connection	Ready					



FP-LR-1K/1KS Rear Panel



FP-LR-2K/2KS Rear Panel



FP-LR-3K/3KS Rear Panel

*Due to continuous product improvement programs, specifications are subject to change without notice.



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