

iDC FlexiPower Online Econ Rack 1-10kVA

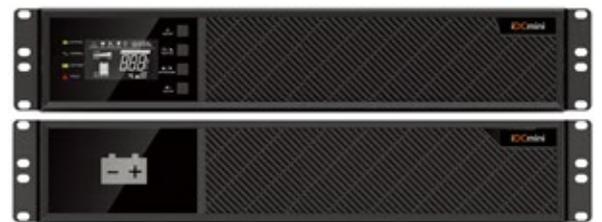
High power density true double conversion online rackmounted UPS



Our iDCmini FlexiPower Online Econ rackmounted UPS series, ranges from 1-10kVA, is a high density real true online double conversion UPS offers both cost and power efficiency benefits.

Key Features

- True double-conversion design with high adaptability to harsh mains conditions
- 0.9 output power factor with up to 12.5% more power offer compared to the traditional 0.8 power factor
- 2U short depth compact size for space saving.
- Programmable LCD display for quick UPS parameters configuration
- Optional 2U EBM (Extended Battery Module) available for battery expansion
- Various communication for easy management: RS232/USB, EPO, mini slot



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HK: +852 2113 2968 | SG: +65 6843 9888
enquiry@iDCmini.com | www.iDCmini.com

Technical Specification

Model	FP-ORE-1K	FP-ORE-2K	FP-ORE-3K	FP-ORE-6K	FP-ORE-10K
Power Rating	1000VA/900W	2000VA/1800W	3000VA/2700W	6000VA/5400W	10000VA/9000W
Input Performance					
Rated Voltage	208V/220/230/240VAC	208V/220/230/240VAC	208V/220/230/240VAC	208V/220/230/240VAC	208V/220/230/240VAC
Voltage range	100 ~ 300VAC				
Frequency range	45~55Hz/54~66Hz	45~55Hz/54~66Hz	45~55Hz/54~66Hz	45~55Hz/54~66Hz	45~55Hz/54~66Hz
Input wiring	Single Phase with Ground				
Output Performance					
Output power factor	0.9	0.9	0.9	0.9	0.9
Nominal output voltage	208V/220/230/240VAC	208V/220/230/240VAC	208V/220/230/240VAC	208V/220/230/240VAC	208V/220/230/240VAC
Voltage regulation	±1%	±1%	±1%	±1%	±1%
Frequency range (Battery mode)	50/60Hz ±0.05Hz				
Over load	100%~105% continuous. 60Sec.@105%~130% Rated Load	100%~105% continuous. 60Sec.@105%~130% Rated Load	100%~105% continuous. 60Sec.@105%~130% Rated Load	100%~105% continuous. 10min.@105%~125% Rated Load	100%~105% continuous. 10min.@105%~125% Rated Load
Voltage distortion (THDv) Output waveform	<2% @ linear load Pure Sine Wave				
Parallel operation	N/A	N/A	N/A	N/A	N/A
Output Connection					
Wiring/socket	4 x IEC C13#	4 x IEC C13#	4 x IEC C13, 1 x IEC C19#	L/N/PE hardware terminal connection	L/N/PE hardware terminal connection
Efficiency (Inverter mode)	89%	90%	91%	93%	93%
Battery					
Battery type	VRLA	VRLA	VRLA	VRLA	VRLA
Battery	12V / 9Ah	12V / 9Ah	12V / 9Ah	N/A	N/A
Number of internal battery	2	4	6	240VDC	240VDC
Rated battery voltage	24VDC	48VDC	72VDC	External battery depends	External battery depends
Charging current	1A	1A	1A	4A	4A
Recharging time (90%)	5 hours	5 hours	5 hours	N/A	N/A
Transfer Time					
Battery mode ↔ Line mode	0ms	0ms	0ms	0ms	0ms
Inverter mode ↔ Bypass mode	<4ms	<4ms	<4ms	<4ms	<4ms
ECO mode ↔ Battery mode	<10ms	<10ms	<10ms	<10ms	<10ms
Display	Programmable LCD				
Audible Alarm & Visual Indicators	Yes	Yes	Yes	Yes	Yes
Dimension (W*H*D (mm))	439*88*388	439*88*388	439*88*640	438*88*498	438*88*498
Environment					
Operating temperature	0~40°C	0~40°C	0~40°C	0~40°C	0~40°C
Regulation	CE	CE	CE	CE	CE
Noise Level	<50dB (ISO 7779 & at front 1m distance, without buzzer)	<50dB (ISO 7779 & at front 1m distance, without buzzer)	<50dB (ISO 7779 & at front 1m distance, without buzzer)	<55dB (ISO 7779 & at front 1m distance, without buzzer)	<55dB (ISO 7779 & at front 1m distance, without buzzer)
Interface					
RS232/USB	Yes	Yes	Yes	Yes	Yes
External slot	Yes, for optional NMC Card/CMC Modbus Card/AS400 Card				
Emergency Power Off	Yes	Yes	Yes	Yes	Yes
DCIM connection	Ready	Ready	Ready	Ready	Ready



FP-ORE-1K Rear Panel



FP-ORE-2K Rear Panel



FP-ORE-3K Rear Panel



FP-ORE-6K/10K Rear Panel

*The specification and pictures are subject to change without notice.
*Customization is available as requested.



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