

2 x MOPP Compact Size

120-350W AC/DC Converter LOF Series

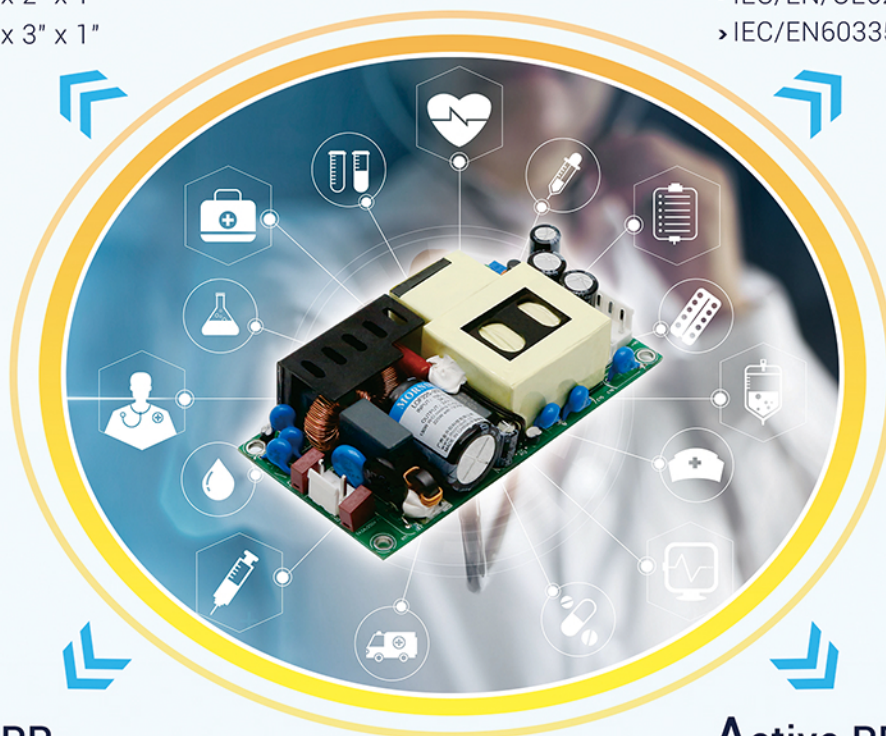
With compact size, active PFC, high isolation voltage of 4000VAC and very low leakage current ($< 0.1\text{mA}$), while meeting 2 x MOPP level, LOF series ensure high safety and reliability. These features make it an ideal or optimal solution for various applications, especially for the medical and healthcare sector.

Compact Size

- › 120W: 3" x 2" x 1.2"
- › 225W: 4" x 2" x 1"
- › 350W: 5" x 3" x 1"

Various Standards

- › IEC/EN/ES60601
- › IEC/EN/UL62368
- › IEC/EN60335, IEC/EN61558



2 x MOPP

- › Suitable for BF medical applications
- › $< 0.1\text{mA}$ low leakage current

Active PFC

- › $> 0.95@230\text{VAC}$

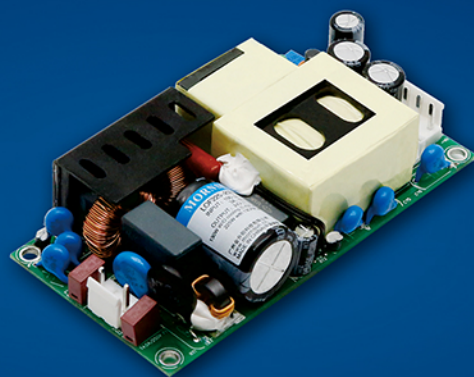
* For detailed information, please refer to the datasheet.



Features of LOF Series

Features

- > Universal input: 85-264VAC/90-264VAC
- > High power density up to 1.7W/cm³
- > Active PFC: >0.95@230VAC
- > Operating temperature range: -40°C to +85°C
- > 4000VAC isolation voltage
- > <0.1mA low leakage current
- > Safety according to IEC/EN/UL62368, IEC/EN60335, IEC/EN61558, GB4943, IEC/EN/ES60601
- > Meet 2 x MOPP, suitable for BF medical applications



» Selection Guide «

Part No.	Output Power (W)	Vo/Io	Efficiency Typ.(%)	Dimension (mm)	Package
LOF120-20B12(-C)	114	12V/9.5A	94	76.2 x 50.8 x 31.0	Open-frame; Enclosed (with the suffix of "-C")
LOF120-20B15(-C)	114	15V/7.6A	94	76.2 x 50.8 x 31.0	
LOF120-20B24(-C)	120	24V/5A	95	76.2 x 50.8 x 31.0	
LOF120-20B27(-C)	119.9	27V/4.44A	95	76.2 x 50.8 x 31.0	
LOF120-20B48(-C)	120	48V/2.5A	94.5	76.2 x 50.8 x 31.0	
LOF225-20B12(-C)	225	12V/18.75A	93	101.6 x 50.8 x 25.4	
LOF225-20B15(-C)	225	15V/15A	93	101.6 x 50.8 x 25.4	
LOF225-20B24(-C)	225	24V/9.4A	94	101.6 x 50.8 x 25.4	
LOF225-20B27(-C)	225	27V/8.35A	94	101.6 x 50.8 x 25.4	
LOF225-20B48(-C)	225	48V/4.7A	94	101.6 x 50.8 x 25.4	
LOF350-20B12(-C)	300	12V/25A	92	127.0 x 76.2 x 25.4	
LOF350-20B15(-C)	325	15V/21.67A	92	127.0 x 76.2 x 25.4	
LOF350-20B24(-C)	350.4	24V/14.6A	93	127.0 x 76.2 x 25.4	
LOF350-20B27(-C)	351	27V/13A	93	127.0 x 76.2 x 25.4	
LOF350-20B48(-C)	350.4	48V/7.3A	94	127.0 x 76.2 x 25.4	

* For detailed information, please refer to the datasheet.

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