

2 x MOPP Compact Size

120-550W AC/DC Converter LOF Series

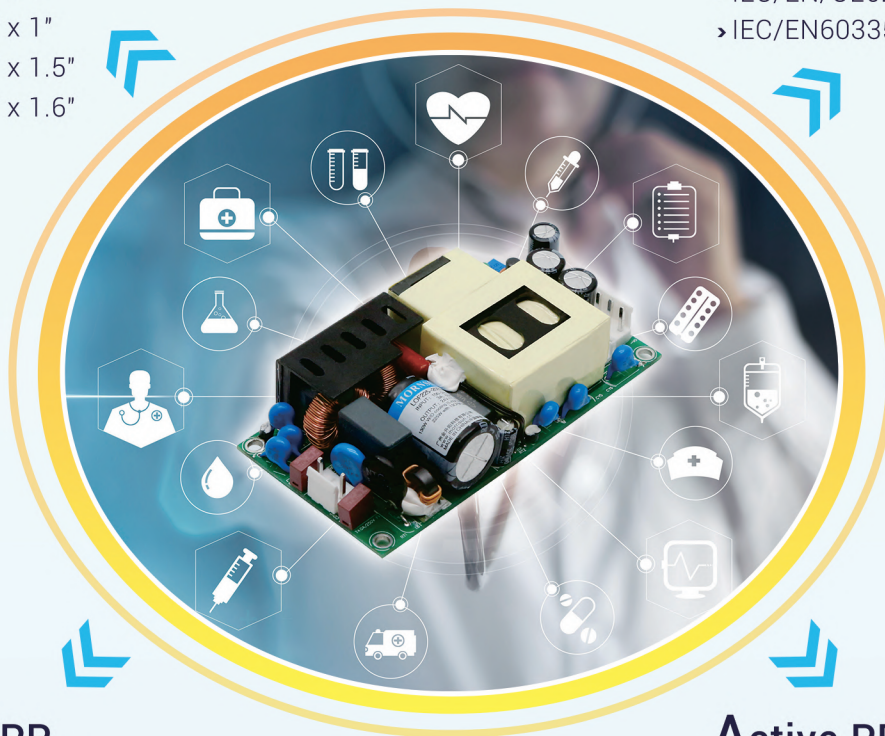
With compact size, active PFC, high isolation voltage of 4000VAC and very low leakage current ($< 0.1\text{mA}$), while meeting 2 x MOPP level, LOF series ensure high safety and reliability. These features make it an ideal or optimal solution for various applications, especially for the medical and healthcare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

Compact Size

- > 120W: 3" x 2" x 1.2"
- > 225W: 4" x 2" x 1"
- > 350W: 5" x 3" x 1"
- > 450W: 5" x 3" x 1.5"
- > 550W: 5" x 3" x 1.6"

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/120-370VDC
- › High power density up to 1.88W/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 «

Series	Power (W) (Max.)	Input voltage	Nominal output voltage and current (Vo/Io)	Output voltage adjustable range(VDC)	Efficiency (MAX.)
LOF120-20Bxx LOF120-20Bxx-C	120	85-264VAC 120-370VDC	12V/9.5A, 15V/7.6A, 19V/6.3A, 24V/5A, 27V/4.44A, 36V/3.3A 48V/2.5A, 54V/2.2A	11.4-12.6, 14.3-15.8, 17.3-19.8 22.8-25.2, 25.6-28.4, 35.28-37.8, 45.6-50.4, 51.3-55.5	95%
LOF225-20Bxx LOF225-20Bxx-C	225	85-264VAC 120-370VDC	12V/18.75A, 15V/15A, 24V/9.4A, 27V/8.35A, 36V/6.25A, 48V/4.7A 54V/4.17A	11.8-12.6, 14.7-15.8, 23.5-25.2 26.5-28.4, 35.28-37.8, 47.1-50.4, 52.5-55.5	94%
LOF350-20Bxx LOF350-20Bxx-C	350	90-264VAC 127-370VDC	12V/25A, 15V/21.67A, 24V/14.6A, 27V/13A, 36V/9.73A, 48V/7.3A 54V/6.5A	11.4-12.6, 14.25-15.75, 22.8-25.2 25.65-28.35, 34.2-37.8, 45.6-50.4, 51.3-56.7	94%
LOF450-20Bxx LOF450-20Bxx-C LOF450-20Bxx-CF	450	90-264VAC 127-370VDC	12V/33.3A, 15V/26.7A, 24V/18.75A, 27V/16.7A, 36V/12.5A, 48V/9.4A	11.4-12.6, 14.25-15.75, 22.8-25.2, 25.65-28.35, 34.2-37.8, 45.6-50.4	94%
LOF550-20Bxx LOF550-20Bxx-C LOF550-20Bxx-CF	550	90-264VAC 127-370VDC	12V/41.6A, 15V/33.3A, 24V/22.9A, 27V/20.4A, 36V/15.3A, 48V/11.46A	11.4-12.6, 14.25-15.75, 22.8-25.2, 25.65-28.35, 34.2-37.8, 45.6-50.4	94%

Metal case series: with the suffix "-C" (LOFxx-20Bxx-C), auxiliary power supply for external fan;
with the suffix "-CF" (LOFxx-20Bxx-CF), auxiliary power supply for build-in fan available.

*For detailed information, please refer to the datasheet.

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