## ロレコG total solutions <br> MORNSUN ${ }^{\text {® }}$

## 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（ $<0.1 \mathrm{~mA}$ ）， while meeting $2 \times$ 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： $3^{\prime \prime} \times 2^{\prime \prime} \times 1.2^{\prime \prime}$
＞225W： $4^{\prime \prime} \times 2^{\prime \prime} \times 1^{\prime \prime}$
＞350W： 5 ＂$\times 3^{\prime \prime} \times 1$＂

## Various Standards

＞IEC／EN／ES60601
＞IEC／EN／UL62368
，IEC／EN60335，IEC／EN61558

## 2 x MOPP

＞Suitable for BF medical applications
$><0.1 \mathrm{~mA}$ low leakage current

## Active PFC

＞＞0．95＠230VAC
＊For detailed information，please refer to the datasheet．
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## Features of LOF Series

## Features

> Universal input: 85-264VAC/90-264VAC
> High power density up to $1.7 \mathrm{~W} / \mathrm{cm}^{3}$
>Active PFC: >0.95@230VAC
> Operating temperature range: $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$
>4000VAC isolation voltage
$><0.1 \mathrm{~mA}$ low leakage current
> Safety according to IEC/EN/UL62368, IEC/EN60335, IEC/EN61558, GB4943, IEC/EN/ES60601
> Meet $2 \times$ MOPP, suitable for BF medical applications

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## Selection Guide «

| Part No. | Output Power <br> $(W)$ | Vo/lo | Efficiency <br> Typ. $(\%)$ | Dimension <br> $(\mathrm{mm})$ | Package |
| :---: | :---: | :---: | :---: | :---: | :---: |
| LOF120-20B12(-C) | 114 | $12 \mathrm{~V} / 9.5 \mathrm{~A}$ | 94 | $76.2 \times 50.8 \times 31.0$ |  |
| LOF120-20B15(-C) | 114 | $15 \mathrm{~V} / 7.6 \mathrm{~A}$ | 94 | $76.2 \times 50.8 \times 31.0$ |  |
| LOF120-20B24(-C) | 120 | $24 \mathrm{~V} / 5 \mathrm{~A}$ | 95 | $76.2 \times 50.8 \times 31.0$ |  |
| LOF120-20B27(-C) | 119.9 | $27 \mathrm{~V} / 4.44 \mathrm{~A}$ | 95 | $76.2 \times 50.8 \times 31.0$ |  |
| LOF120-20B48(-C) | 120 | $48 \mathrm{~V} / 2.5 \mathrm{~A}$ | 94.5 | $76.2 \times 50.8 \times 31.0$ |  |
| LOF225-20B12(-C) | 225 | $12 \mathrm{~V} / 18.75 \mathrm{~A}$ | 93 | $101.6 \times 50.8 \times 25.4$ |  |
| LOF225-20B15(-C) | 225 | $15 \mathrm{~V} / 15 \mathrm{~A}$ | 93 | $101.6 \times 50.8 \times 25.4$ | Open-frame; |
| LOF225-20B24(-C) | 225 | $24 \mathrm{~V} / 9.4 \mathrm{~A}$ | 94 | $101.6 \times 50.8 \times 25.4$ | Enclosed <br> (with the |
| LOF225-20B27(-C) | 225 | $27 \mathrm{~V} / 8.35 \mathrm{~A}$ | 94 | $101.6 \times 50.8 \times 25.4$ | suffix of "-C") |

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