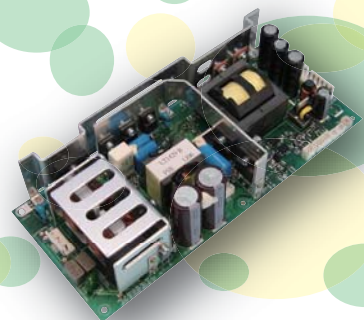


# Ultrahigh Efficiency 95% Extensible Options for OZP-350 series!!



## OZP-350 Series

Continuous (Max.) 350W/500W Peak (Max.) 600W  
(Natural air cooling) (Forced air cooling)

**Large capacity 600W high peak power**

OZP-350 series is equivalent size of competitor's 300W power supply, but can output 350W rated power. Moreover, its peak power is more than 1.6 times of continuous rated power.

**Low noise Low noise & Low leakage current**

Conducted emission VCCI Class B easily passed without external noise filter. It contributes to reduce the cost and workload at users' side. Also the leakage current is very low 0.06mA at 100VAC input. Achieved both low noise and low leakage current.

**E C O Low standby power consumption at remote OFF achieved**

You can reduce electrical power rate and CO2 by lowering the power consumption in a standby mode.

**Other features**

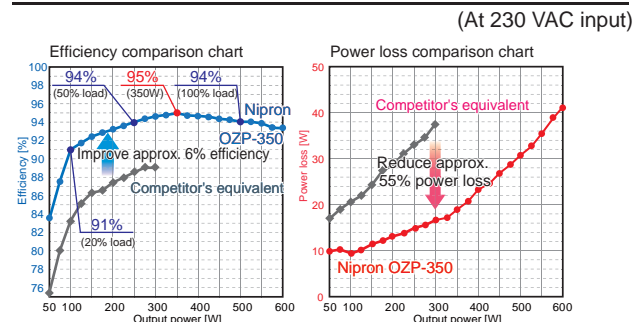
- ◆ Coil noise prevention  
Embedded noise reduction circuit reduces coil noise from pulse loads such as LED displays.
- ◆ Blackout detection signal equipped as standard
- ◆ Output ON/OFF control function equipped as standard
- ◆ Capacitor package available for instantaneous power failure measure
- ◆ Parallel operation available.

**Medical standard IEC60601-1 2nd & 3rd (MOPP) compliant**  
"mOZP-350 series" IEC60601-1 2nd & 3rd (MOPP) approved models are also available

### Product specification

Model name(mOZP-350-)	12	24	30	36	48
Output voltage	12V	24V	30V	36V	48V
Max. current/power (Natural air cooling)	25A / 300W	14.6A / 350.4W	11.7A / 351W	9.8A / 352.8W	7.3A / 350.4W
Max. current/power (Forced air cooling)	36A / 432W	21A / 504W	16.8A / 504W	14A / 504W	10.5A / 504W
Peak current/power (10 sec.)	42A / 504W	25A / 600W	20A / 600W	16.7A / 600W	12.5A / 600W
Min. current	0A	0A	0A	0A	0A
Input voltage	85-264 VAC (Active PFC, worldwide range)				
WxHxD(mm)	95x44x222(Open frame type) 107x57x252(With chassis and cover)				
Safety standards	UL/CSA/CCC/IEC60950-1 approved Medical standard IEC60601-1 2nd & 3rd (MOPP) approved models are also added to the lineup				

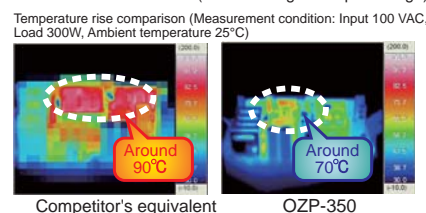
Ultrahigh Efficiency 95%!! It contributes to energy saving and CO2 reduction



!! Ultrahigh Efficiency 92% achieved at 100 VAC input!!

**Low heat generation and long lifetime**

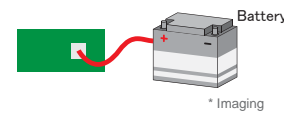
OZP-350 reduced temperature rise by its ultrahigh efficiency so that not only the power supply but also whole application achieves long lifetime.



**Optional boards Various functions can be added for any purpose**

**Constant current control**

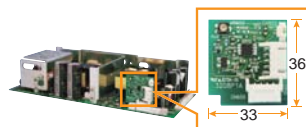
With constant current control PCB, you can add constant current (CC) functionality to constant voltage (CV). It is perfect for battery charging, LED displays, and chemical equipments.



A sensor input part for the thermal correction equipped

**OCP limiter**

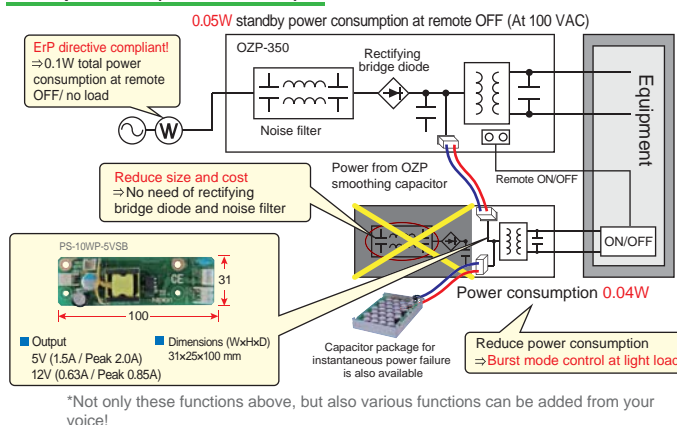
Timer-controlled, two stages of OCP available with overcurrent limiting PCB. Perfect for shaft-locked DC motors to protect your system



**Standby power supply board**

- ◆ Standby power (+5V/+12V) can be added to OZP-350 series.
- ◆ Perfect for remote ON/OFF power source. Save cost and space of your device by eliminating extra space for rectifying bridge diode, or noise filter which comes with standby power supply unit.
- ◆ ErP directive Lot6 compliant reducing the power consumption at remote OFF.

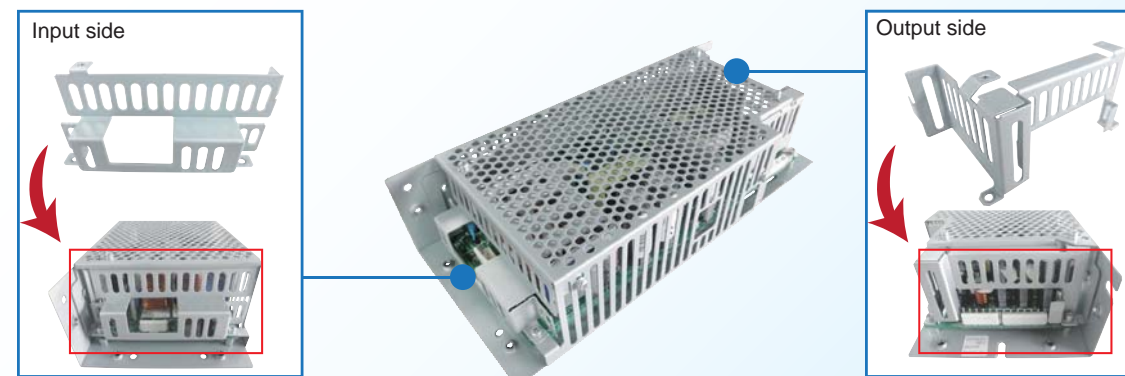
**Example of Use (OZP-350 series)**



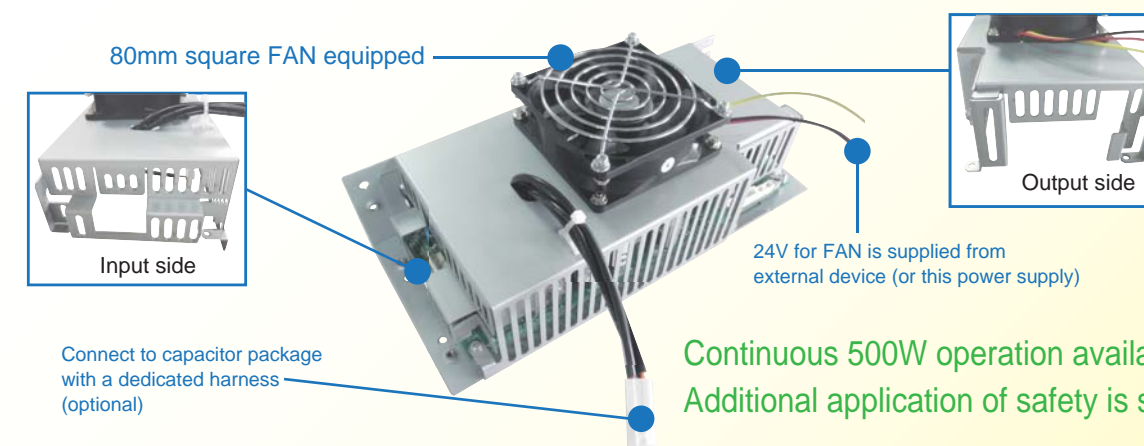
**Spring up varied options!!**

New three options for OZP-350, well received model, are lined up for more various usage. If you needed further functions for OZP-350, please check it again. There might be a perfect option for your requirement!  
Also, if you have any requirements for options, please do not hesitate to ask us.

**NEW①** Although with chassis and cover, input/output terminals are not protected...  
⇒Input/output protection cover type (model name: OZP-350-\*\*-\*\*\*-U)

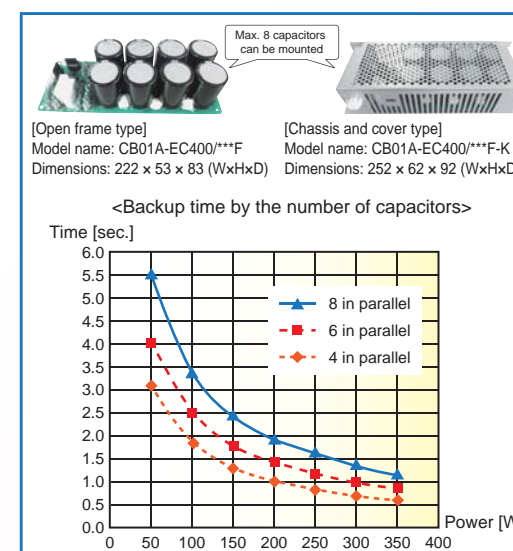


**NEW②** It required continuous 500W (forced-air cooling) but mounting FAN is difficult and no place...  
⇒Cover with FAN (model name: ACC3363)



Continuous 500W operation available.  
Additional application of safety is scheduled.

**NEW③** Power supply with chassis and cover needs backup for instantaneous blackouts.  
⇒Capacitor package set model for instantaneous blackouts measure



Capacitor package is connected with the FAN and cover type

\*These three options are under development, so the outline/specification may be subject to change. Please contact us for details.  
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