

# เครื่องปรับแรงดันไฟฟ้าอัตโนมัติ เซอร์คอน

**AUTOMATIC VOLTAGE REGULATOR / STABILIZER**

ZIRCON Model : HDR Series (Relay Type)

**ZIRCON™**  
The Smart Power Solution

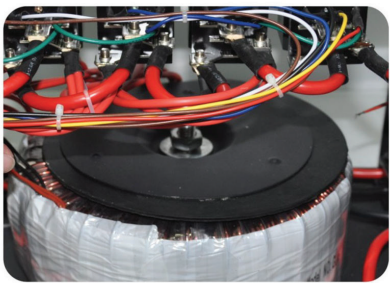
## HDR-SERIES

POWER : 3000VA-10KVA  
(Relay Type)

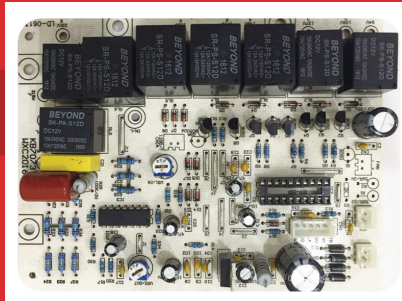


### IDEAL APPLICATIONS :

SOUND SYSTEM, CABLE TV, TELECOM,  
PLC, MEDICAL, INSTRUMENTS CENTRALIZED  
COMPUTER, AUTOMATION MACHINE ETC.



Toroidal Transformer



Main PCB



Transformer

## HDR-SERIES FEATURES

- Complete power capacity 1000VA to 10KVA
- Zero cross switching technology
- EI or Toroidal transformer selectable
- Optimized MCU for compressors
- Digital delay countdown system
- More than 98% efficiency

### ZIRCON POWER SOLUTION CO., LTD.

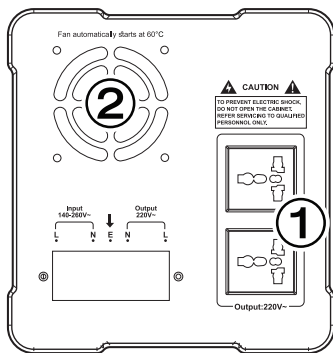
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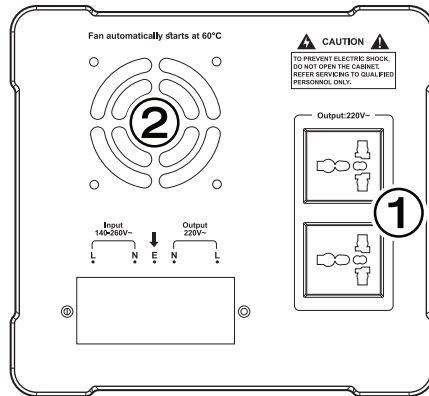
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## AUTOMATIC VOLTAGE REGULATOR / STABILIZER

ZIRCON Model : HDR Series (Relay Type)



HDR-3000VA  
HDR-5000VA



HDR-8000VA  
HDR-10000VA

### SPECIFICATIONS

- ① **AC Input**  
สายไฟฟ้าเข้า / เพื่อนำไปเสียบกับไฟ 220 โวลต์
- ② **Cooling Fan**  
พัดลมระบายความร้อน

Name	Automatic Voltage Regulator HDR Series (Relay Type)			
Model	HDR-3000VA	HDR-5000VA	HDR-8000VA	HDR-10000VA
Power	3000VA-1800W	5000VA-3000W	8000VA-6400W	10000VA-6000W
Technology	Zero Cross Switching Technology & Digital CPU Control & Delay Countdown System			
Transformer	EI / Toroidal Transformer			
Input Voltage	100-260Vac/140-260Vac, 50/60Hz			
Output Voltage	220/230Vac, ±10% or 8%			
Efficiency	>98%			
Phase	Single Phase			
Display	Dual LED Digital Display (Input Voltage, Output Voltage)			
Protection	High Voltage / Low Voltage (Optional) / Overheat / Overload / Short Circuit / 6s or 180s Output Delay			
Cooling System	Fan (Automatic Start up at 65°C)			
Safety Standard	CE (LVD + EMC)			
Operating Condition	0~45°C, Non Condensing			
Unit Weight / N.W.	6.5 kgs	9.3 kgs	14.7 kgs	16.5 kgs
Giftbox Size (mm)	400x255x285	400x255x285	360x465x315	360x465x315
Carton Size (mm)	N/A	N/A	N/A	N/A

• All Specification subject to change without note • Custom-made specification are acceptable

## ZIRCON Customer Service



ON SITE SERVICE

02-970-7575

HOTLINE ZIRCON 24 hr.

082-703-7777

COMPLAINT CENTER

061-672-8999