



**Electricity cost Saving**



**Save energy up to 20%**



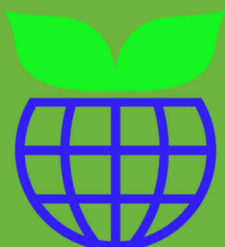
**Environmentally friendly**



**Power quality**

## Features :

- Thin film switch panel, touch key control, simple operation.
- Self-detection LED displaying normal and abnormal status, easy to confirm.
- Manual/auto button working together with electric lock system, optional control of output voltage, easy to shift.
- Digital control precision can reach  $\pm 1\%$ .
- Auto detection and alarm for overvoltage, undervoltage, loss phase, reversed phase; and failure reason indicated on panel.
- Standard by-pass switch, no need to cut down power and stop production for repair and maintenance of equipments.
- Powerful electromagnetic switch can automatically cut off output to protect load (>150KVA On demand).
- Voltage regulation and voltage transformation, to offer different requests of input and output voltage (On demand).



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## Applications :

- Full plant energy saving
- Anodizing and plating
- Automotive part
- Cement manufacturing
- Compressor
- Electrochemical processes
- High voltage power supplies
- Induction heaters
- Machine tool control
- Manufacturing and testing
- Medical equipment
- Metalworking machinery
- Motor testing
- Pumps
- Precise instruments
- Radiant heaters
- CNC machinery
- SMT machinery

## Technical Specification :

- Voltage stabilizing Range: Rated input voltage  $\pm 15\%$
- Output Voltage: 220V, 380V, 440V (On customer's demand)
- Output Precision:  $\pm 0.5\% \sim 10\%$  Adjustable
- Overall Efficiency:  $> 98\%$
- Reaction Time:  $< 0.1S$  (5 Cycles)
- Working Frequency: 50/60Hz  $\pm 5\%$
- Wave Distortion: No distortion on sine wave
- Natural cooling

Model	Capacity KVA    KW	Rated Current (@380VAC)	Dimensions(mm)	Weight (kg)
ESR-30D	30    24	36A	600*380*870	175
ESR-45D	45    36	54A	600*380*870	210
ESR-60D	60    48	72A	600*680*870	225
ESR-75D	75    60	91A	800*550*1255	425
ESR-100D	100    80	121A	800*550*1255	450
ESR-150D	150    120	182A	800*550*1255	520
ESR-200D	200    160	243A	680*1050*1510	848
ESR-250D	250    200	303A	680*1050*1510	900
ESR-300D	300    240	364A	680*1050*1510	1035
ESR-350D	350    280	425A	680*1050*1510	1196
ESR-400D	400    320	486A	680*1050*1510	1420
ESR-500D	500    400	607A	900*1600*2010	1550
ESR-600D	600    480	729A	900*1600*2010	1680
ESR-800D	800    640	972A	900*1600*2010	1880
ESR-1000D	1000    800	1215A	900*1600*2010	2050



see more info at [www.essco.co.th](http://www.essco.co.th)



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