

# KELEK

## VOLTAGE REGULATOR

Brand: Kelek  
 IMPI Files 2863246 y 2863419  
 Imported by: BATTERY MART S.A. DE C.V  
 Address: Av. José Eleuterio González 519,  
 Col. Mitras Sur, C.P. 64020,  
 Mun. Monterrey, Nuevo León, México.

Made in China.



SCAN THE CODE AND DISCOVER  
 WHAT KELEK HAS FOR YOU



KELEK.MX

## EFFICIENCY

If the input voltage is in the range of 90-145V. The regulator is able to provide 100% of the indicated maximum output power.

If the input voltage is lower than 96V. The maximum output power of the regulator will change as shown in the curve below.

Make sure that the total connected load does not exceed the rated power of the regulator.

### DIAGRAM:

145

120

INPUT VOLTAGE



WORKING

OUTPUT VOLTAGE



DELAY



PROTECTION

INPUT

Number shows input voltage

OUTPUT

Number shows output voltage

DELAY

With 6 sec. Of short delay and 180 sec. Of long delay

PROTECTION

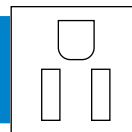
When the protection led is on, the output is higher than 138+/- 4V or lower than 96+/- 4V.

# KELEK

## VOLTAGE REGULATOR INSTRUCTION MANUAL



BE SURE TO CONNECT THE ININPUT PLUG TO THE MAINS OUTLET CLOSELY, AND PLEASE OPERATE THE REGULATOR IN THE RANGE OF 90V-145V



MAINS OUTLET

INPUT DISPLAY

DELAYING INDICATOR

OUTPUT DISPLAY

WORKING INDICATOR

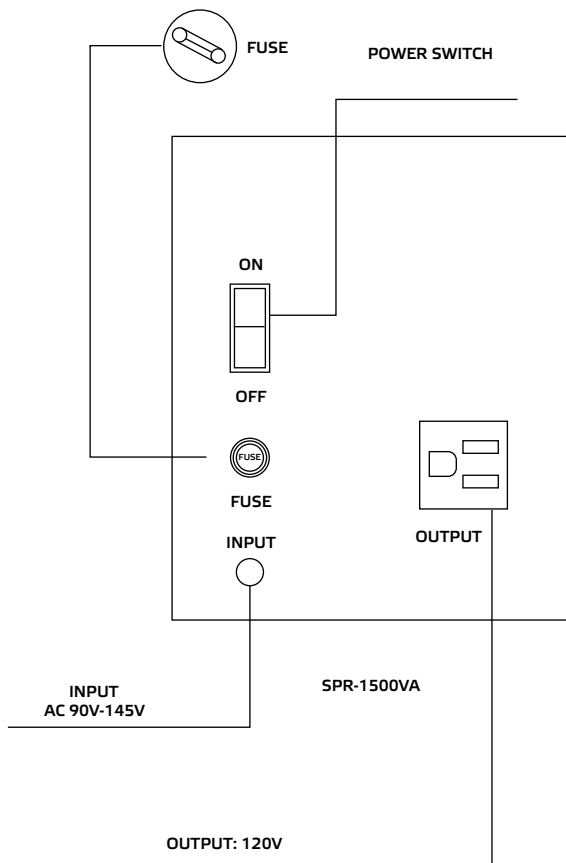
PROTECTION INDICATOR



MODEL: SPR-1500VA

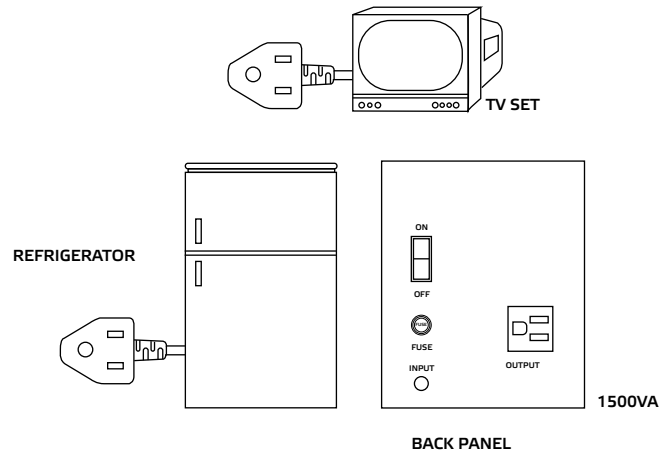
- WORKING**  
WHEN THE WORKING INDICATOR IS LIGHTING, THE REGULATOR IS WORKING
- DELAY**  
WHEN THE DELAYING INDICATOR IS LIGHTING, THE DELAY CIRCUIT IS WORKING AND THE REGULATOR HAS NO OUTPUT. WHEN THE DELAY INDICATOR IS DIE OUT, THE DELAY CIRCUIT IS OFF AND THE REGULATOR RESUME OUTPUT.
- PROTECTION**  
WHEN THE PROTECTION INDICATOR IS LIGHTING, THE OUTPUT VOLTAGE IS OVER 138+/- 4V OR BELOW 96+/- 4V, THE PROTECTIVE CIRCUIT WILL START AND THE REGULATOR HAS NO OUTPUT, WHEN THE OUTPUT VOLTAGE IS UNDER 138+/- 4V OR OVER 96+/- 4V, THE REGULATOR WILL AUTOMATICALLY RESUME OUTPUT AND THE UNUSUAL INDICATOR IS DIE OUT.

## USE THE SAME CURRENT FUSE FOR REPLACEMENT



(BE SURE TO CONNECT THE GROUND POINT TO THE GROUND FOR YOUR SAFETY)

## MAKE SURE THAT THE TOTAL LADEN POWER DOES NOT EXCEED THE LISTED MAXIMUM OUTPUT POWER OF THE REGULATOR



## SPECIFICATIONS:

MODEL	INPUT		OUTPUT		RATING
	VOLTAGE	FREQUENCY	VOLTAGE	FREQUENCY	
SPR-500VA	90-145V	50HZ/60HZ	120+/-10%	50HZ/60HZ	4.16A
SPR-1000VA					8.33A
SPR-1500VA					12.5A
AVR-1500-B-1					12.5A
AVR-1500-B-2					12.5A
AVR-1500-W-1					12.5A
AVR-1500-W-2					12.5A
SPR-2000VA					16.6A
SPR-3000VA					25A
SPR-5000VA					41.66A
SPR-8000VA					66.66A
SPR-10000VA					83.33A

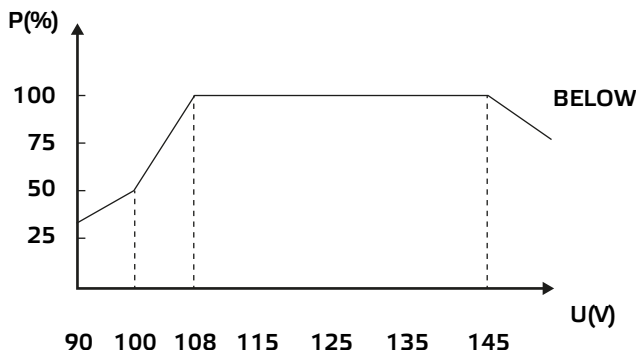
ALL MODELS ARE PHASE. ACTION/TRANSFER TIME IS LESS THAN 0.5.  
NO DISTORTION  
(BE SURE TO CONNECT THE GROUNDING FOR SAFETY)

## TECHNICAL PARAMETER

MODEL	INPUT		OUTPUT				FUSE
	VOLTAGE	FREQ	VOLTAGE	FREQ	POWER	MAXIMUM CURRENT	RATING
SPR-1500VA	90-145V	50HZ	120+/-10%	50HZ	1500W	12.5A	15AMP

ALL MODELS ARE SINGLE PHASE.  
ACTION/TRANSFER TIME IS LESS THAN 0.5 SECONDS  
WAVEFORM IS SINE WARE, WITH NO DISTORTION  
DELAYING OUTPUT TIME IS IN THE RANGE OF 3-5 MINUTES.

IF THE INPUT VOLTAGE IS IN THE RANGE OF 90-145V, THE REGULATOR IS ABLE TO PROVIDE 100% LISTED MAXIMUM OUTPUT POWER.  
IF THE INPUT VOLTAGE IS BELOW 90V, THE REGULATOR'S MAXIMUM OUTPUT POWER WILL CHANGE AS THE CURVE SHOWN.



THE POWER CURVE OF OUTPUT

## PRECAUTION:

- Avoid overload
- Do not use the regulator beyond its maximum power.
- When connected to any device operating the compressor, the nominal starting power of the equipment can be up to twice the nominal. Make sure that the total starting power of all connected appliances does not exceed the rated maximum output power of the regulator.
- Make sure the regulator is the same output voltage and frequency as the connected appliances.
- Always place the regulator in an environment where:
  - It is well ventilated.
  - Not found exposed to sunlight directly or to a heat source.
  - Out of the reach of children.
  - Away from water, moisture, oil or grease.
  - Far from any flammable substance.
- The input plug and output jack are different depending on the country and area, please refer to the product for reference.