

< FOR REFERENCE >

SPECIFICATION

Name	UPS SYSTEM
Model	ALS-5KHW
Spec. No.	

株式会社 **YAMABISHI**
YAMABISHI Corporation

1. CVCF specification

- 1) Name : ALS-5KHW
- 2) Ups type : On-Line type
- 3) Ratings : Continuousness
- 4) Backup time : 6 min. (Power factor 0.7)
- 5) AC input
 - a. Phase : Single phase 2 wire
 - b. Frequency : 50/60Hz
 - c. Voltage : 170~265V
- 6) AC output
 - a. Capacity : 5kVA(3500W)
 - b. Phase : Single phase 3 wire
 - c. Voltage : 200/100, 220/110, 230/115, 240/120V (Change type)
 - d. Voltage accuracy : Within $\pm 3\%$
 - e. Frequency : 50/60Hz (Auto tracking)
 - f. Frequency accuracy : Within $\pm 0.5\%$
 - g. Wave distortion : Within 3.5% (Linear load)
 - h. Power factor : 0.7
 - I. Crest factor : 3:1
 - j. Green mode : 126W or less
- 7) Performance
 - a. Efficiency : 85%TYP.
 - b. Transient response : Within 8% (0 \leftrightarrow 100% load step)
 - c. Transfer time : ZERO for line fails or reverse
Transfer to bypass or reverse 4ms

2. Battery specification

- 1) Name : REW45-12
- 2) Kind : Sealed lead-acid battery (Life expectancy 5 years)
- 3) Amount : 16
- 4) Range of use voltage : 192V
- 5) Recharge time : 8 hours(90%)

3. Condition

- 1) Instation features : Indoor
- 2) Ambient temperature : 0~40°C
- 3) Ambient humidity : 0~95%RH
- 4) Audible noise : 45 dB(1m)

4. Mechanical

- 1) Painting color : Front panel ; Munsell 5Y8/1
Body ; Munsell 5Y8/0.5
- 2) Dimension : 263 mm(W) × 630 mm(D) + 38.5 mm(Terminal) × 755 mm(H)
- 3) Weight : about 120 kg

5. Heating value : 453.6 kcal/H

6. Insulation resistance : Between current-carrying part and cabinet
5 megohms or more with 500 VDC megger.

7. Dielectric strength : Between current-carrying part and cabinet
There shall be no abnormality at AC 50 Hz and 1.5 kV
for 1 minute.