

< FOR REFERENCE >

SPECIFICATION

Name	UPS SYSTEM
Model	ALS-3KRM
Spec. No.	

株式会社 **YAMABISHI**
YAMABISHI Corporation

1. CVCF specifications

- 1) Model : ALS-3KRM
- 2) UPS Type : On-Line Type
- 3) Rating : Continuous
- 4) Backup time : 6 minut (Power factor 0.7)
- 5) AC input
 - a. Phase : Single Phase 2 Wire
 - b. Frequency : 50/60Hz
 - c. Voltage : 85~132V
- 6) AC output
 - a. Capacity : 3kVA/2100W
 - b. Phase : Single Phase 2 Wire
 - c. Voltage : 100/110/115/120V (Selection type)
 - d. Voltage accuracy : within $\pm 3\%$
 - e. Frequency : 50/60Hz (Automatic change)
 - f. Frequency accuracy : within $\pm 0.3\%$
 - g. Wave Distortion : Within 3.5% (Linear Load)
 - h. Power factor : 0.7
 - I. Crest Factor : 3:1
 - j. Green Mode : 90W or less
- 7) Performance
 - a. Efficiency : 90%TYP.
 - b. Transient Response : Within 8% (0 \Leftrightarrow 100% Load Step)
 - c. Transfer Time : ZERO for Line Fails or Reverse : 4mSec.
Transfer to Bypass or Reverse

2. Battery specifications

- 1) Battery : Sealed Lead-Acid battery
- 2) Quantity : 8 units
- 3) Working voltage range : 96V
- 4) Recharge Time (90%) : 8hours

3. Environmental condition

- 1) Installation locatior : Indoor
- 2) Temperature : 0 to 40°C
- 3) Humidity : 0 to 95%
- 4) Audible Noise : 45 dB(1m)

4. Mechanical

- 1) Color : Pantone 8403C
- 2) Dimension : 426 mm(W) × 502 mm(D) × 88 mm(H)
(Battery) : 426 mm(W) × 502 mm(D) × 88 mm(H)
- 3) Weight : 13.4 kg
(Battery) : 31.2 kg

5. Heat value : 180 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.