

## Huawei Statement for UPS5000 series Lifespan

Based on the calculation and the test result from R&D team, Huawei states that the lifespan of the UPS5000 series is shown as below:

At 25°C and 50% load rate, Huawei states UPS5000 series design life is more than 15 years.

At 25°C and 75% load rate, Huawei states UPS5000 series design life is more than 15 years.

### Appendix

Capacitor and Fan lifespan based on R&D analysis and test.

#### DC Capacitor:

Scenario	Ambient Temperature	Input Voltage (L-N)	Load rate	Estimated Life (Years)
1	30°C	230Vac	50% load	15
2	25°C	230Vac	75% load	15

#### AC Capacitor:

Scenario	Ambient Temperature	Input Voltage (L-N)	Relative Humidity	Estimated Life (Years)
1	30°C	230Vac	50% RH	15
2	25°C	230Vac	50% RH	15

**Fan:**

<b>Scenario</b>	<b>Ambient Temperature</b>	<b>Input Voltage (L-N)</b>	<b>Load rate</b>	<b>Estimated Life (Years)</b>
<b>1</b>	30°C	230Vac	50% load	12
<b>2</b>	25°C	230Vac	75% load	15

Remarks: Fans can be replaced as spares.

Huawei Digital Power Product Line

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