

# SHIMANO BATTERY INFORMATION CARD

- Remove the battery from the bicycle and ensure that the battery level is approx. 70% when storing.
  - If the battery has been discharged completely, charge it as soon as possible. Leaving the battery completely discharged may allow battery degradation to progress, making it impossible for the battery to be charged or discharged. The battery must be charged regularly while being stored for a long period of time.
  - Store it in a cool, dry indoor place away from direct sunlight. (Approx.: 10 to 20 °C)
  - When the storage temperature is too low or too high, the battery performance degrades, resulting in a shorter battery life.
  - Always charge the battery before using after storing it for a long period of time.
- \* When using SC-E6010, SC-E6100, EW-SW100 or EW-SW300, charge the battery while it is attached to the bicycle
- \* For bicycle models that use EW-SW100 or EW-SW300 ON/OFF switches, the battery capacity of the ON/OFF switch is 2 years on average.

## Store the battery removed from the bicycle

### ■ Storage Characteristic (Deep Sleep Mode)



### ■ Storage Characteristic (Sleep Mode)



### Storage Conditions

- 25°C constant
- 45°C constant

- Shipping condition from Shimano: SOC 30%, battery is in “Deep Sleep mode”

Mode	Temperature Condition	BT-E6000/6010 (418Wh)	BT-E6001 (504Wh)
(1) Deep Sleep mode	25°C	17.9 Years	79.0 Years
	45°C	3.4 Years	6.3 Years
(2) Sleep mode FULL CHARGE → EMPTY	25°C	2.6 Years	2.6 Years
	45°C	1.9 Years	0.9 Years
(3) Sleep mode EMPTY → Neither charging nor discharging	25°C	5.0 Years	68.3 Years
	45°C	1.0 Years	5.5 Years

Mode	Temperature Condition	BT-E8010/8020 (504Wh)	BT-E8014 (418Wh)	BT-E8035/8035L (504Wh)	BT-E8036/8016 (630Wh)
(1) Deep Sleep mode	25°C	79.0 Years	17.9 Years	34.1 Years	37.8 Years
	45°C	6.3 Years	3.4 Years	5.5 Years	5.7 Years
(2) Sleep mode FULL CHARGE → EMPTY	25°C	5.1 Years	5.6 Years	5.7 Years	6.5 Years
	45°C	1.1 Years	3.1 Years	1.1 Years	1.2 Years
(3) Sleep mode EMPTY → Neither charging nor discharging	25°C	68.4 Years	5.1 Years	26.1 Years	29.4 Years
	45°C	5.6 Years	1.0 Years	4.8 Years	5.0 Years