



ES22-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (1.1A to 10.50V)	22Ah
10 hour rate (2.09A to 10.50V)	20.9Ah
5 hour rate (3.74A to 10.20V)	18.7Ah
1C (22A to 9.60V)	12.47Ah
3C (66A to 9.60V)	8.8Ah

Weight Approx. 15.18Lbs. (6.9kg)

Internal Resistance (at 1KHz) Approx. 9 mΩ

Maximum Current Resistance :
5 seconds : 330A

Operating Temperature Range

Charge	-15°C (5°F) to 40°C (104°F)
Discharge	-15°C (5°F) to 50°C (122°F)
Storage	-15°C (5°F) to 40°C (104°F)

Charge Retention (shelf life) at 20°C (68°F)

1 month	92%
3 months	90%
6 months	80%

Charging Methods at 25°C (77°F)

Cycle Use : Charging Voltage 14.4 to 15.0V
Coefficient -5.0mv / °C / cell
Maximum Charging Current : 6.6A

Standby Use : Float Charging Voltage 13.50 to 13.80V
Coefficient -3.0mv / °C / cell

Case Material : ABS UL94HB

Terminal : F8

Description of torque value of hardware for the terminals:
Recommended torque value M6: 7 N-m (71kgf-cm)
Maximum allowable torque value M6: 9 N-m (92kgf-cm)

This battery is designed to meet International Standard ISO 7176-25 for wheelchair use.

MK Battery

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Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS

