

LONGEST 6210 (GC2-605)

Recommended Charge Profile

Constant-current Constant-voltage Controlled Charge

Phase 1 (Constant-current)

constant current charge at 20.5~26.6 amperes until the battery voltage measures between 7.14~7.29 V/Battery(25°C) on charge voltage.

Phase 2 (Constant-voltage)

constant voltage charge at 7.14~7.29 V/Battery(25°C) until the current measures between 2.05~6.15 amperes.

Phase 3 (Constant-current)

constant current charge at 2.05~6.15 amperes until the battery voltage measures between 7.5~8.1V/battery(25°C) or until dV/dt reaches to less than 0.035.

* END OF CHARGE at 110~120% of AH returned.

* Note : Charging condition(Voltage,Current, Time) will very depending on battery size, charger(Charging Type, output) depth of discharge and temperchure.



Specification

Nominal Voltage	6V
Length(mm)	261
Width(mm)	181
Height(mm) (Embedded Terminal)	279
Weight(kg)(With Electrolyte)	27
Terminal Options	ET, DT, ST

Capacity

20Hr	210Ah
5hr	175Ah
75A	105min
25A	383min

5Hr Capacity by Temperature

40°C	105%
30°C	100%
0°C	80%

Material Specifications

Cover Style	Individual Filling Structure
Cover Vent Style	Gang & Bayonet Style
Container & Cover Material	Light-Blue Polypropylene Plastic
Case to Cover Seal Method	Heat Sealing
Inner-Cell Connector Type	Through The Partion Weld
Plate Lug Weld Method	Automated Cast-On Process
Positive Grid Material	Antimony Lead Alloy
Negative Grid Material	Antimony Lead Alloy
Separator Type	Microporous Rubber With Glass Mat

LONGEST 6225 (GC2-105)

Recommended Charge Profile

Constant-current Constant-voltage Controlled Charge

Phase 1 (Constant-current)

constant current charge at 22.5~29.3 amperes until the battery voltage measures between 7.14~7.29 V/Battery(25°C) on charge voltage.

Phase 2 (Constant-voltage)

constant voltage charge at 7.14~7.29 V/Battery(25°C) until the current measures between 2.25~6.75 amperes.

Phase 3 (Constant-current)

constant current charge at 2.25~6.75 amperes until the battery voltage measures between 7.5~8.1 V/battery(25°C) or until dV/dt reaches to less than 0.035.

* END OF CHARGE at 110~120% of AH returned.

* Note : Charging condition(Voltage,Current, Time) will very depending on battery size, charger(Charging Type, output) depth of discharge and temperchure.



Specification

Nominal Voltage	6V
Length(mm)	261
Width(mm)	181
Height(mm) (Embedded Terminal)	279
Weight(kg)(With Electrolyte)	29
Terminal Options	Embedded, Dual Fit, Standard

Capacity

20Hr	225Ah
5hr	185Ah
75A	115min
25A	447min

5Hr Capacity by Temperature

40°C	105%
30°C	100%
0°C	80%

Material Specifications

Cover Style	Individual Filling Structure
Cover Vent Style	Gang & Bayonet Style
Container & Cover Material	Light-Blue Polypropylene Plastic
Case to Cover Seal Method	Heat Sealing
Inner-Cell Connector Type	Through The Partion Weld
Plate Lug Weld Method	Automated Cast-On Process
Positive Grid Material	Antimony Lead Alloy
Negative Grid Material	Antimony Lead Alloy
Separator Type	Microporous Rubber With Glass Mat