

# POWERSUPPLIES

## GC220, 2-step Lead Acid charger 220W



- 2 color LED indicate charging status
- Suitable for 20-200Ah Lead Acid / GEL / LiMnO<sub>2</sub> / LiFeO<sub>4</sub>
- Efficiency up to 93%
- Active PFC function
- Wide input voltage range
- International approvals

### Technical data:

#### Input:

Input voltage: 90-264VAC  
 Frequency: 47-63 Hz  
 Input current max: 4A/115VAC, 2A/230VAC  
 Inrush current max: 120A/230VAC

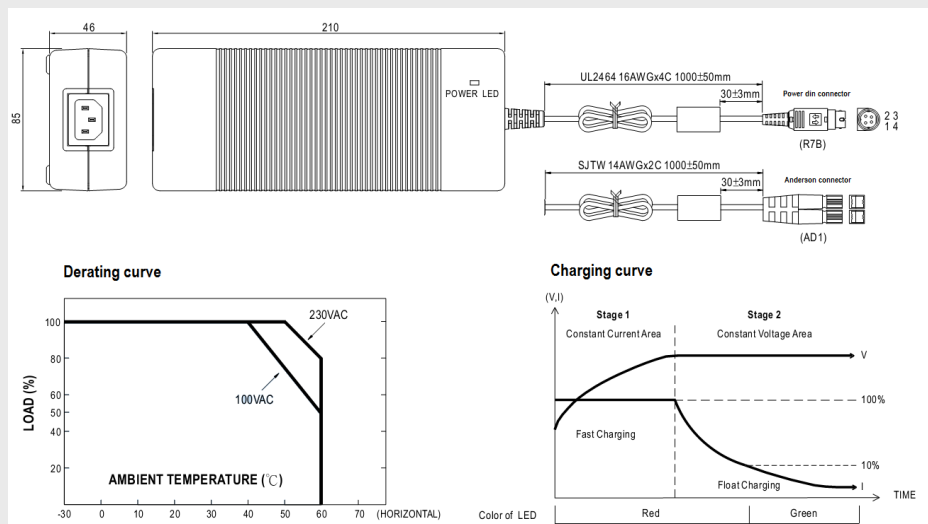
#### Output:

Output voltage: See below table  
 Output current: See below table  
 LED indicator: Charging C.C. (constant current) red color,  
 Floating charging C.V. (constant voltage) green color  
 Efficiency: 89-93%

Protection: Overload, over voltage, over temperature protection  
 Cooling: Convection cooled (no fan)  
 Temperature range: -30°C...+60°C, see also derating curve  
 Plug and cable: 1.0m cable UL2464 AWG16, DC plug 4p power din  
 or SJTW 14AWG with Anderson connector  
 Other connectors available upon request

Size: 210x85x46mm  
 Weight: 1100g  
 Safety and EMI: EN60950, CB, FCC, CE with power din connector  
 UL1012; EN60950, CB, FCC, CE with Anderson connector

### Mechanical drawing:



### Ordering information:

Type	Charge current	Power	Charge voltage
GC200A12-xxx	13.5 A	184 W	13.6 VDC
GC220A24-xxx	8.0 A	218 W	27.2 VDC
GC220A48-xxx	4.0 A	218 W	54.4 VDC

For complete charger please state DC connector: xxx=R7B power din or xxx=AD1 for the Andersson connector.