

POWERSUPPLIES



GC120, 2-step Lead Acid charger 120W

- 2 color LED indicate charging status
- Suitable for 1-100Ah Lead Acid / GEL / LiMnO₂ / LiFeO₄
- Efficiency up to 91%
- Active PFC function
- Wide input voltage range
- International approvals

Technical data:

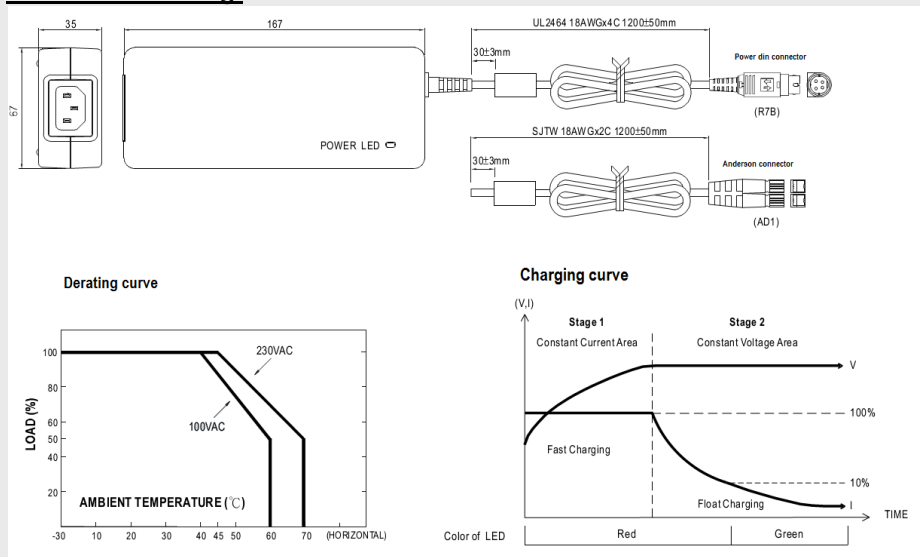
Input:

Input voltage: 90-264VAC
 Frequency: 47-63 Hz
 Input current max: 1.4A/115VAC, 0.7A/230VAC
 Inrush current max: 70A/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: 86.5-91%
 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: 1.2m cable UL2464 AWG18, DC plug 4p power din
 or SJTW 18AWG with Anderson connector.
 Other connectors available upon request
 Size: 167x67x35mm
 Weight: 620g
 Safety and EMI: EN60950, CB, FCC, CE med power din connector
 UL1012; EN60950, CB, FCC, CE med Anderson connector

Mechanical drawing:



Ordering information:

Type	Charge current	Power	Charge voltage
GC120A12-xxx	7.5 A	102 W	13.6 VDC
GC120A24-xxx	4.42 A	120 W	27.2 VDC
GC120A48-xxx	2.21 A	120 W	54.4 VDC

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