

Shenzhen Hrcpower Technology Co., Ltd.

- Li-ion battery charger: HRC48V80A27cd

Indices	Range	Comment
Workplace temperature	(-20 — 50) °C	
Storage temperature	(-40 — 70) °C	
Outward appearance	Figure 27cd	
Input voltage	AC220V (±15%) Frequency: 50 Hz	
Nominal voltage	Lithium-iron battery (Single cell: 3.2V; Series connection of 15 cells: 48V)	
Capacity	100-600 Ah	
Charging mode	Constant-current charging — Constant-voltage charging with current reduction — Current tracking — Completion	
Charging voltage	24-56V	Settable
Charging current	2-80A	Defaulted as 80A
Completion condition	Current reduces to 1/10 of charging current under constant voltage	
Remoting turn on/off	Available	
Efficiency	≥93%	
Cooling system	Air-cooled temperature controlled	
Protection	Input over/under voltage, output over voltage/over current, short circuit, overheated	
Insulation resistance	≥20M Ω	
Withstand voltage of input to chassis	≥AC1500V	
Withstand voltage of input to output	≥AC1500V	
Withstand voltage of output to chassis	≥AC500V	
Mean time to failure	≥50000h	

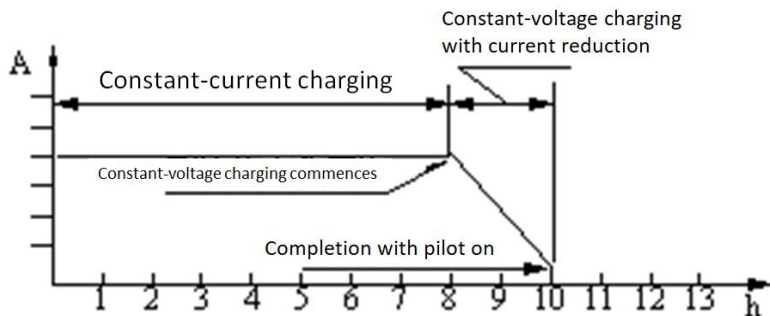


Figure 1. The profile of charging



166*183*355mm 8.5 kg