

TECHNICAL DATA

MODEL NUMBER	GH-SLD-60W	GH-SLD-80W	GH-SLD-100W	GH-SLD-120W	GH-SLD-200W
Power	60W	80W	100W	120W	200W
Solar Panel	18V/120W Mono	18V/160W Mono	36V/200W Mono	36V/240W Mono	36V/400W Mono
Battery	Lithium LifePO4 battery 12.8V, 60AH(768WH)	Lithium LifePO4 battery 12.8V, 75AH(960Wh)	Lithium LifePO4 battery 25.6V, 60AH(1536Wh)	Lithium LifePO4 battery 25.6V, 75AH(1920Wh)	Lithium LifePO4 battery 25.6V, 105AH(2688Wh)
LED	4 cores high efficiency SMD3030, 252pcs	4 cores high efficiency SMD3030, 252CS	4 cores high efficiency SMD3030, 504pcs	4 cores high efficiency SMD3030, 504PCS	4 cores high efficiency SMD3030, 504PCS
Product Size	366*249*142mm	366*249*142mm	366*249*142mm	366*249*142mm	366*249*142mm
Solar Panels Size	800*760*30mm	1040*760*30mm	1320*760*30mm	1540*760*30mm	1320*760*30mm*2
Material	Die casting Aluminum + PMMA				
Efficacy	200LM/W				
Solar panel conversion efficiency	23.8%				
Luminous Flux	12000LM	16000LM	20000LM	24000LM	40000LM
Controller	MPPT controller				
Light angle	30°, 60°, 90°				
Lighting Method	100% for the first 4 hours, 20% for the next 7 hours				
Discharge time	12 hours a night, 3-5 rainy days				
Installation Height Recommended	6-8m	8-10m	10-12m	12-15m	15-18m