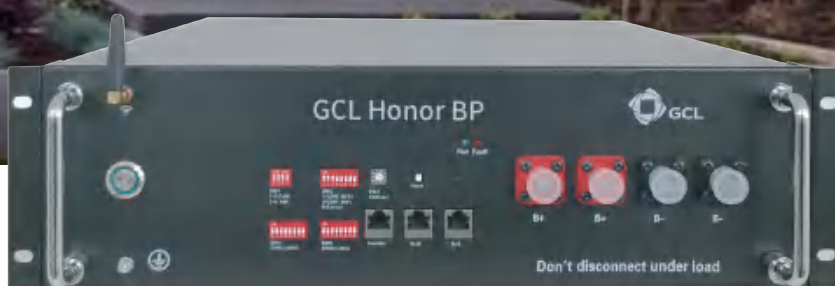


# GCL Honor BP

## RY-BP50/BP100



## CORE ADVANTAGES

6000

Long Life Reliable LFP cells,  
Cycle life >6000 cycles

BMS

Safe and Reliable BMS Relay  
design instead of mosfet



Smart Design & Easy  
installation Plug in & off



High energy efficiency (charge  
and discharge)>97%

Model		RY-BP50	RY-BP100
Total Energy*		2.4kWh	5.1kWh
Usable Energy(DC)*		2.2kWh	4.8kWh
Nominal Dis-/Charge Power		1.5kW	3.0kW
Peak Power(Only Discharge)		3kW for 3s	6kW for 3s
Constant Current(Only Discharge)		40A	80A
Voltage		48~56Vd.c	48~56Vd.c
Nominal Voltage		51.2Vd.c	51.2Vd.c
Nominal Current		30A	60A
Max. Charge Voltage		57.6Vd.c	57.6Vd.c
Weight		27.5kg	45kg
Dimension(mm)		500*442*133mm	500*448*135mm
Max.recommended DOD		90%	
Operating Condition		Indoor	
Operating Temperature	Charge	From 0~50 °C	
	Discharge	From -10~55°C	
WIFI Frequency Range		2400MHz~2483MHz	
Humidity		< 60%(No condensed water)	
Over Voltage Category		II	
Cooling Type		Natural cooling	
Case Material		Metal	
Color		Black or White	
Installation		Wall mounting/Ground Installation	
IP rating		IP 20	
Protective Class		I	
Max. Connection Number		8S/8P	8S/8P
Warranty		10 years	
Life Span		>15 years	
Communication		CAN/ RS485	
Protection Mode		Dual hardware protection	
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Safety		Cell UL 1973	Cell UL 1973
		CE/TUV	
Hazardous Material Classification		9	
Transportation		UN 38.3	