

## Wall mount series



### Product features:

- Larger capacity supply equipment cabinet
- No active cooling system is required
- High operational reliability
- They live for more than 6 years at + 25°C
- Optimal management
- In line with the RoHS

### Applicable field:

- Communication basic station, data center, communication outdoor cabinet,
- Solar hybrid power system, home energy storage system

## Application scenarios



## Product parameters

		MODEL	DP24100	DP4850	DP48100	DP48120
Electrical	Characteristics	Rate voltage(Vdc)	24	48	48	48
		Rate capacity(AH)	100	50	100	120
		Energy storage(KWH)	2.59	2.4	4.8	5.76
		Cycle life	At 85% DOD more than 2000 cycles			
		Month self discharge	≤2%			
		Efficiency of charge	100% at 0.2C			
		Efficiency of discharge	96-99% at 1C			
Standard Charge	Equalized Charge voltage	28.8VDC	54VDC			
	Float Charge Voltage	26VDC	52VDC			
	Charge mode	0.2C to 54.4V, then 54.4V charge current to 0.02C (CC/CV)				
	Charge current(A)	20	10	20	24	
	Max. Charge current(A)	100	50	100	120	
Standard Discharge	Charge cut-off voltage(VDC)	29.4	54.6			
	Continuous current(A)	100	50	100	120	
	Discharge cut-off voltage(VDC)	21.7	42			
Environmental	Charge temperature	0 °C to 45 °C (32F to 113F) @ 60±5% Relative Humidity				
	Discharge temperature	-20 °C to 60 °C (-4F to 140F) @ 60±5% Relative Humidity				
	Storage temperature	0 °C to 40 °C (32F to 104F) @ 60±5% Relative Humidity				
Mechanical	IP class	IP20				
	Material system	NMC				
	Case material	Metal				
	Pack Dimension L*W*H(mm)	375*340*147			375*471*147	
	Package Dimension L*W*H(mm)	575*360*270			575*480*270	
	Net Weight(kg)	24			41.5	
	Across Weight(kg)	26			43.5	
	Terminal	M6				
	Protoco(Optional)	CAN Bus/RS 485/RS 232				
SOC(Optional)	LED/LCD					