

48V100Ah Li-ion Telecom Power Supply Specifications

Electric Spec.	
Nominal voltage(V)	51.2 V
Nominal capacity(Ah)	100
Charging cut-off voltage(V)	58.4 V
Discharging cut-off voltage(V)	40 V
Standard charging current(A)	20 A
Max charging current(A)	50 A
Standard discharging current(A)	20 A
Max discharging current(A)	50 A
BMS power consumption(W)	< 1.5W
Dimensions & Weight	
Dimensions (mm)	480 × 221.5 × 385 (W × H × D)
System weight (kg)	51
Environment	
Operation ambient temperature	Charge : 0°C ~ 40°C Discharge : -20°C ~ 55°C
Storage temp	< 1month: -20°C ~ 45°C < 3months: -20°C ~ 40°C < 1year: -20°C ~ 25°C
Storage humidity	< 80%
Protection grade	IP30
Protection	
Over-current protection	YES
Over-voltage protection	YES
Under-voltage protection	YES
Over-temperature protect	YES
Short-circuit protection	YES
Other optional functions & spare parts	
Data Storage and Current Limit function(10A) (Optional)	
Applications	
This product applies to telecom power back-up system or telecom integrative power supply system and other applications which meet electric input & output parameters.	



Figure 1 Global View of the Battery



Figure 2 Front View of the Battery

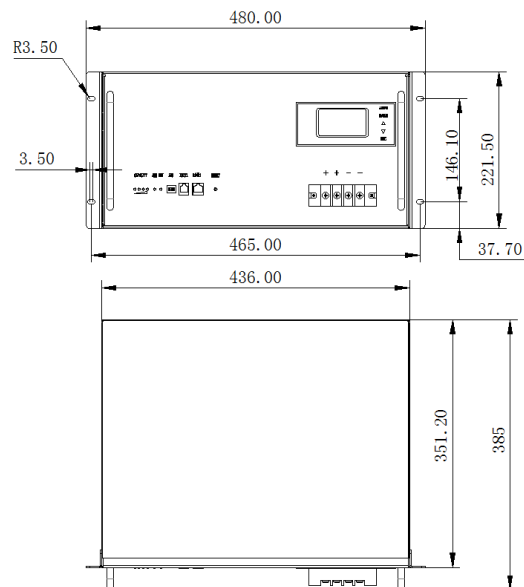


Figure 3 Battery Size