

Model		IBattery-TP-12100AH	IBattery-TP-24100AH	IBattery-TP-48100AH
Nominal capacity		100Ah		
Mix. Capacity		98Ah		
Nominal energy		1280Wh	2560Wh	5120Wh
Combination structure of battery		23140160-4S2P	27173204-8S1P	27175200-16S1P
Nominal voltage		12.8V	25.6V	51.2V
End of discharge voltage		10.8V	21.6V	43.2V
Standard charge voltage		14.6±0.2V	29.2±0.2V	58.4±0.2V
Float charge voltage		13.8V	27.6V	55.2V
Standard charge current		20A		
Recommended charge current		≤20A	≤50A	≤100A
Allowed Max. charge current		70A	70A	100A
Standard charge current		10A	50A	20A
Recommended charge current		≤50A	≤100A	≤100A
Allowed Max. charge current		100A		
Peak current		120A,10Sec	250A,10Sec	200A,10Sec
Internal Resistance		≤40mΩ	≤80mΩ	≤50mΩ
Weight		Approx.12.0kg±5%	Approx. 21.0kg±5%	Approx. 40.0kg±5%
Ex-factory capacity		Approx.50% SOC		
Operation temperature	Discharge	-20℃~60℃		
	Charge	0℃~45℃		
Storage environment	≤1Month	-20~+60℃、5~75%RH		
	≤6Month	-10~+45℃、5~75%RH		
	Recommend environment	15~+35℃、5~75%RH		
Net size		330*173*220mm	406*174*232mm	522*240*218mm
Packing size		400*245*295mm	540*270*270mm	540*270*270mm
G.W.		11.5kg	18kg	22.5kg
N.W.		12.5kg	19kg	24kg

