

Model		IBattery-TP-1250AH	IBattery-TP-2450AH	IBattery-TP-4850AH
Nominal capacity		50Ah		
Mix. Capacity		49Ah		
Nominal energy		640Wh	1280Wh	2560Wh
Combination structure of battery		23140160-4S1P	23140160-8S1P	23140160-16S1P
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		10A		
Recommended charge current		≤20A	≤25A	≤25A
Allowed Max. charge current		50A		
Standard charge current		10A	25A	20A
Recommended charge current		≤50A		
Allowed Max. charge current		50A		
Peak current		120A,10Sec	100A,10Sec	100A,10Sec
Internal Resistance		≤60mΩ	≤50mΩ	≤50mΩ
Weight		Approx.6.0kg±5%	Approx. 12.5kg±5%	Approx. 22.0kg±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		229*138*208mm	330*173*212mm	406*174*232mm
Packing size		295*205*285mm	400*245*295mm	540*270*270mm
G.W.		6kg	11.5kg	22.5kg
N.W.		7.5kg	12.5kg	24kg

