AuriCore

Model:	F06-1280	F06-1920	F06-2560	F06-3584	F06-4020
Cell type	Lithium Iron Phosphate				
Nominal voltage (V)	12.8				
Nominal capacity (Ah)	100	150	200	280	314
Nominal energy (Wh)	1280	1920	2560	3584	4020
Operating voltage range (V)	10V–14.6V				
Charging cut-off voltage (V)	14.6				
Discharge cut-off voltage (V)	10				
Standard charging current (A)	20	30	40	60	
Standard discharge current (A)	50	75	100	100	
Maximum continuous charging current (A)	50	75	100	100	
Maximum continuous discharge current (A)	100	100	200	200	
Cycle life	4000 times (50A charge,0.5C discharge,90%DOD,25±5℃)			5000 times (50A charging,100A discharging,90% DOD,25 ± 5℃)	
Size	Length (mm)	330	485	520	520
	Width (mm)	171	154	240	268
	Height (mm)	215	240	220	220
Weight (kg)	≈11Kg	≈18Kg	≈20Kg	≈25Kg	≈26Kg
Battery case	ABS Case				
Series parallel usage method	Supports up to 4 sections in series				
Terminal stud	M8				
Allowable humidity range (% RH)	15%–85%				
Storage environment temperature (℃)	–20–45 (recommended 10–35)				
Charging environment temperature (℃)	0–50 (recommended 10–35)				
Discharge environment temperature (℃)	–10–60 (recommended 10–35)				
Altitude (m)	<3000				
Cooling method	natural heat dissipation				
Condition	indoor				
Protection method	Overvoltage,undervoltage,differential voltage,overtemperature,capacity,overcurrent,short circuit,etc				
Certificate	UN38.3,MSDS,CE				

*The technical specifcations of this document are subject to change without any notice