



## How To Set Up Fortress Power Lithium Batteries Using Sol-Ark Inverter

This guide covers the recommended set up and configuration of Sol-Ark 8KW Inverter for optimizing performance with Fortress LFP batteries. More information on Fortress products can be found on our website: [www.fortresspower.com](http://www.fortresspower.com)

Parameter Setting for Fortress LFP-10 & 15 battery with Sol-Ark 8KW

Battery		
	80% DoD, 6000 cycles	90% DoD, 3000 cycles
Battery Capacity	LFP-10: 200A / LFP-15: 300A per battery	
Max A Charge Rate	LFP-10: 50A per battery LFP-15: 50A per battery	LFP-10: 95A per battery LFP-15: 95A per battery
Max A Discharge Rate	LFP-10: 95A per battery; LFP-15: 95A per battery	
TEMPCO	0	
Use Battery charged	Select	
Use Batt % charged	-	
No Battery	-	
BMS Lithium Batt 01	-	
Active Battery	-	
Charge		
Start V	49V	
A	LFP-10: 50A per battery LFP-15: 50A per battery	LFP-10: 95A per battery LFP-15: 95A per battery
Float V	54.4 V	
Absorption V	55.4 V	57.6 V
Equalization V	0	
	0 days	
	0.0 hours	
Discharge		
Shutdown		
Low Batt	50.7	48.4
Restart	52V	
Batt Resistance	25mOhms	
Batt Charge Efficiency	96%	



**Please reassess capacity and charge/discharge current settings, when Fortress battery quantities change.**

We appreciate your business. Should you have any questions, please don't be hesitate to contact us!

Warm regards,

Fortress Power team