

Renogy Recommended Charging Settings

Battery Type Parameters	AGM / SLD	Gel	Flooded	Li (LFP)	User Mode	User Recommended
Overvoltage Shutdown	16.0V	16.0V	16.0V	16.0V*	[16.0V]	—
Equalization Voltage	—	14.6V	14.8V	—	14.4V	9.0-17.0V
Boost Voltage	14.2V	14.4V	14.6V	14.4V*	14.4V	9.0-17.0V
Float Voltage	13.8V	13.8V	13.8V	—	14.4V	9.0-17.0V
Boost Return Voltage	13.2V	13.2V	13.2V	13.2V	[13.2V]	—
Undervoltage Warning	12.0V	12.0V	12.0V	12.0V	[12.0V]	—
Undervoltage Return	12.2V	12.2V	12.2V	12.2V	[12.2V]	9.0-17.0V
Low Voltage Disconnect	11.0V	11.0V	11.0V	11.0V	[11.1V]	9.0-17.0V
Low Voltage Reconnect	12.6V	12.6V	12.6V	12.6V	[12.6V]	9.0-17.0V
Equalization Duration	—	2 hours	2 hours	—	[0-300 min]	—
Boost Duration	2 hours	2 hours	2 hours	—	0-300 min	10-300 min