

#flo #hw

1 | begin!

the link is, here

starting, halfway through!

- days of autonomy:
 - the amount of time u operate on soley battery power
 - * ie. all C and no G
 - #question why is this a concept measured in days? is it for breakdowns?
 - * oh, for stuff like bad weather
 - what if it's cloudy for a few days?
- DoD: Depth of Discharge
 - less you drain, longer the battery will live!
 - * ooh.. this is something we are gonna have to optimize for.
 - eg. drain only 20% will make the bat last twice as long as when draining 50%?
 - SoC: state of charge. inverse of DoD
- tempature matters! alot!
 - changes capacity and lifespan
 - colder it is, the larger it needs to be to store power

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and now, https://www.youtube.com/watch?v=cX-LU24eVOU&ab_channel=altEStore

- deep charge vs car bat
 - car: high current discharge and fast recharge
 - deep charge: gradual discharge, slow recharge, daily cycle
 - car bats will die quick when used for bat banks!
- DoD chart
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 - for lead acid! very diff w/ lithim ion
- **charging states**
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next up, https://www.youtube.com/watch?v=ZC-6N5vhk1w&ab_channel=altEStore ! *

- charging deep cycle!