Battery

Module dimensions

L- 300mm

W-222mm

H-68mm

Voltage and Current signal

60 to 12 V buck converter

* <https://www.aliexpress.com/item/1005004634168596.html?spm=a2g0o.productlist.0.0.2ed25e06xKLgRc&algo_pvid=c8f93440-c6f0-4a17-85bb-1eb368390499&algo_exp_id=c8f93440-c6f0-4a17-85bb-1eb368390499-50&pdp_ext_f=%7B%22sku_id%22%3A%2212000029914644821%22%7D&pdp_npi=2%40dis%21LKR%21731.8%21475.67%21%21%211255.04%21%21%402101e9d416716060882493714e91f4%2112000029914644821%21sea&curPageLogUid=VIuosuXP6rEp>
* <https://www.aliexpress.com/item/1005003116387985.html?spm=a2g0o.productlist.0.0.2ed25e06xKLgRc&algo_pvid=9815cbd9-df5c-4c17-b13b-5d2a2ac8e7ff&algo_exp_id=9815cbd9-df5c-4c17-b13b-5d2a2ac8e7ff-8&pdp_ext_f=%7B%22sku_id%22%3A%2212000024202471341%22%7D&pdp_npi=2%40dis%21LKR%211298.95%211105.02%21%21%21%21%21%402101d4a716716063852335602e5855%2112000024202471341%21sea&curPageLogUid=fKudEFexrJpM>
* <https://www.aliexpress.com/item/33029763673.html?spm=a2g0o.productlist.main.35.2e9732b1hr4IA8&algo_pvid=892701be-a904-4a56-b399-6dbcdd962dd8&algo_exp_id=892701be-a904-4a56-b399-6dbcdd962dd8-17&pdp_ext_f=%7B%22sku_id%22%3A%2267245318252%22%7D&pdp_npi=2%40dis%21LKR%211661.19%211661.19%21%21%21%21%21%402102176616716067329875730d074e%2167245318252%21sea&curPageLogUid=Eiiv3ThSscZy>

100nf

10mf

1mm2 of copper bar 1.2 Amp CCC

Nissan Leaf Battery Initial voltages

|  |  |
| --- | --- |
| Battery ID | Voltage |
| Battery 1 - 1527C 0VS08 | 7.9V |
| Battery 2 – 1524C SV001 | 7.93V |
| Battery 3 – 1527C 0V307 | 7.97V |
| Battery 4 – 1527C 0V406 | 7.88V |
| Battery 5 – 1527C 0V306 | 7.93V |
| Battery 6 – 1527C 0V402 | 7.83V |
| Battery 7 – 1524C 4V909 | 7.85V |
| Battery 8 – 1524C SV003 | 7.86V |
| Total | 63.15 V |

Battery capacity =200wh x 16 = 3200wh

68 x 5=