



190f-2-battery-tasks-hl-2022-5-6.odp

CTI One Corporation

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Updated Battery Selection Guide Lines Jun 9, 2022

Battery Selection Guideline for CTI One Robot:

1. Minimum AH requirement per industry standard:
2. Max cost for the user:
3. The largest number of battery packs per chair:
4. The largest dimension (comparable to Sealed Lead Acid (SLA))
5. Battery voltage:
6. Battery AH:
7. Note: multiple packs to meet the total AH requirements is preferable
Since the batteries can be sourced from hand tool industry which can
Bring the cost down.

60 Ah
\$150-\$200
6 packs or less
180x330x240 mm
12 V
6 AH or higher

If it is too difficult
to meet the cost
target, then we
can reduce this to
30-40 Ah



Remove This Battery Unit Design

2pack 3.0Ah P102 18V Replacement Battery for Ryobi ONE+ Plus Lithium Battery P102 P103 P104 P105 P107 P108 P109 P122

https://www.amazon.com/2pack-2-5Ah-Replacement-Battery-Lithium/dp/B07YDDDKQM/ref=asc_df_B07YDDDKQM/?tag=hyprod-20&linkCode=df0&hvadid=459657803259&hvpos=&hvnetw=g&hvrand=12352397912333926649&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9031968&hvtargetid=pla-997330519567&psc=1



Ryobi CB121L 12V Li-ion Battery 4Ah



RYOBI/RIDGID 300001044 - CONTACT PLATE HOLDER ASSY (Original OEM part)



www.smallenginespridealer.com/part-ryobi-300001044/

https://www.amazon.com/Ryobi-Contact-Holder-Assembly-RY-300001044/dp/B000P8QRAY/ref=sr_1_1?crid=3BQG5QZEE32NH&keywords=RYOBI%2FRIDGID+300001044+-+CONTACT+PLATE+HOLDER+ASSY+RYOBI%2FRIDGID+300001044+-+CONTACT+PLATE+HOLDER+ASSY&qid=1642316971&srefix=ryobi%2Fridgid+300001044+-+contact+plate+holder+assy+ryobi%2Fridgid+300001044+-+contact+plate+holder+assy%2Caps%2C132&sr=8-1
\$5 Amzn



Appendix A. Update Battery (6 Ah) Design Jun 9, 2022

**6.0Ah 40 Volt OP4026 Battery Replacement for 20 Volt Battery Ryobi 40v
Battery Lithium OP4026A OP40261 OP40601 OP4050A OP4050 OP40501
OP4040 OP40401 OP4030 OP40301 OP40201 OP4015 \$72/PCS**

https://www.amazon.com/Battery-Replacement-Lithium-OP4026A-OP40261/dp/B08PK7ZVFR/ref=asc_df_B08PK7ZVFR/?tag=hyprod-20&linkCode=df0&hvadid=598238949018&hvpos=&hvnetw=g&hvrnd=10903017098207506486&hvpone=&hvtwo=&hvmnt=&hvdev=c&hvdvcmd=&hvlcint=&hvlcphy=9031968&hvtargid=pla-1665394034057&psc=1

Fit for Ryobi 40V Lithium Charger



Name brand:
Ryobe: 6 AH, \$72
Amzn or \$32
Aliexpress

\$30.72\$30.72.AliExpress.com\$15.79 delivery

https://www.aliexpress.com/item/3256803819898003.html?_randl_currency=USD&_randl_shipto=US&src=google&aff_fcid=fd20961c9b0c4008a99207a131dfd995-1654814267591-02446-UneMJZVf&aff_fsk=UneMJZVf&aff_platform=aaf&sk=UneMJZVf&aff_trace_key=fd20961c9b0c4008a99207a131dfd995-1654814267591-02446-UneMJZVf&terminal_id=9764aa8ea63d4b59b317dccc0b105df&afSmartRedirect=y&gatewayAdapt=4itemAdapt

https://www.aliexpress.com/item/3256803764246362.html?spm=a2g0o.detail.0.0.61c06549UtGImA&gps-id=pcDetailBottomMoreThisSeller&scm=1007.13339.274681.0&scm_id=1007.13339.274681.0&scm-url=1007.13339.274681.0&pvid=5d18eefd-cdce-4655-b9c7-e5837ea018d0&t=GPS-id:pcDetailBottomMoreThisSeller,scm-url:1007.13339.274681.0,pvid:5d18eefd-cdce-4655-b9c7-e5837ea018d0,tpb_buckets:668%232846%238113%231998&pdp_ext_f=%7B%22sku_id%22%3A%2212000027543256212%22%2C%22sceneId%22%3A%223339%22%7D&pdp_npi=2%40dis%21USD%21%2114.81%21%21%21%21%21%402101d1b816548142699253102e123d%2112000027543256212%21rec

Non-Name brand: 6 AH, \$14.98
12V 6200mAh Lithium Battery 18650 Li-ion Battery
Power Tools accessories For Cordless Screwdriver
Electric Drill Battery

Best sellers



12V6200mAh

