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Important!! READ ALL INSTRUCTIONS BEFORE USE. AS A RESULT, PERSONS AND PROPERTY MAY BE DAMAGED. INTRODUCTION Thanks for buying Hobbico capable of charging nickel cadmium (NiCd), nickel-metal hydride (NiMH), lithium polymer (LiPo) and lithium-ion (Li-Ion) batteries, the MKII Fast Field Charger is specifically designed for convenience and flexibility to charge radio batteries on the flight line. It can even charge a fleet of flyers like aircraft batteries! Two independent charge schemes can each charge transmitter or battery receiver - even single cells! The adjustable current from 200 mA to 2.0A for each charging circuit is great for matching the charger with your battery needs. Tricolor LEDs, beeps and built-in voltmeter connectors help to set up and monitor the progress of the charge. Damage caused by misuse or modification of this charger will void your warranty. SPECIFICATIONS Input Voltage: Battery Types (each port): Number of cells (each port): Fast charge current (each port): Fast charge cessation (each port): Peak detection (NiCd and NiMH) Trickle current charge (each port): Exit connectors: Fuse: Case size: Weight: Safety timer: SPECIAL FEATURES - Perfect for Tx and Rx batteries. Also good for single cell glow ignitions, even park flyer batteries! EACH port processes 1-8 NiCd or NiMH cells and 1-3 LiPo/Li-Ion cells. EVERY port offers 0.2A-2.0A adjustable linear current charge (IA max for LiPo/Li-Ion). EACH port offers 0.50mA, 85mA and 100mA trickles charge toy (NiCd and NiMH only). EVERY port includes tricolor LEDs and beeps for ease of customization and operation. EACH PORT includes built-in jacks to monitor battery voltage externally with a voltmeter. Peak charging detection method for NiCd and NiMH batteries. CC/CV charging method for LiPo/Li-Ion batteries. © The Rapid Field Charger MKII 10-15V DC Nickel-Cadmium (NiCd) Nickel-Metal Hydride (NiMH) Lithium Polymer (LiPo) Lithium-Ion (Li-Ion) 1-8 NiCd or NiMH, 1-3 LiPo or Li-Ion 0.2A-2.0A Linear (IA max for LiPo) CC/CV (LiPo/Li-Ion) 0.50mA, 85mA and 100mA (NiCd and NiMH only) Banana Jacks 7.5A shovel (auto) 6.25 x 4.0 x 1.5 in No159 x 102 x 38 mm 12.0 ounces. (342 g) 120 minutes - NiCd/NiMH 180 minutes - LiPo/Li-Ion - Visual and audio messages about reverse polarity errors when entering or exiting and bad output connections. Other safety features include timeout charge termination, fused ongoing overload and reverse polarity protection. The same size as conventional power panels for easy installation in field boxes. Rear case included for use as a self-charger. IMPORTANT PRECAUTIONS - Charge only nickel-metal hydride, lithium-polymer or lithium-ion batteries. Don't try to charge other types of batteries as irreversible battery damage and charger can cause. You don't have to. Automotive type chargers to power the charger. Do not allow water, moisture or foreign objects into the charger. Don't try to use batteries with more cells or total voltage than the specifications. DON'T LEAVE YOUR CHARGER UNATTENDED WHILE CHARGING. TURN OFF THE BATTERY AND IMMEDIATELY REMOVE THE INPUT FROM THE CHARGER IF THE CHARGER GETS HOT!! ALLOW THE CHARGER OR BATTERY TO COOL DOWN BEFORE CONNECTING. Do not unplug the charger or battery on a flammable surface or near a flammable object while in use. Stay away from carpets, cluttered™, workbenches, etc. - Always turn off the power switch when it's not in use. Don't overpay the batteries as irreversible damage can cause. Do not use a charge or discharge of the current speed that exceeds the safe battery level. Do not try to charge or discharge the battery if it is hot. Keep within reach of children. CARE - HANDLING INSTRUCTIONS FOR NiMH BATTERIES Although the appearance is similar to NiCd batteries and has the same 1.2V rating per cell, NiMH cells contain a different chemical composition that requires different care and processing. Don't let NiMH batteries overheat at any time. Heat can have a negative impact on NiMH battery performance. When you're being seen overheating, immediately disconnect the battery from the charger and let it cool! Reduce the current charge rate for future fees. Don't try to use NiCd or LiPo/Li-Ion with NiMH batteries. Store NiMH packages with some voltage left on the cells. - Use the NiMH battery for no more than three cycles a day, with a two to three-hour break between them for cooling. More frequent use can overheat the package. NiMG cells have a self-squand range of approximately 20-25% (compared to 15% for NiCd batteries). Thus, if NiMH batteries have been inactive for more than a few days, it's important to recharge them just before use. CARE - HANDLING INSTRUCTIONS FOR LITHIUM-POLYMER AND LITHIUM-ION BATTERIES Never try to care for lithium polymeric (LiPo) or lithium-ion cells just like other types of batteries! LiPo/Li-Ion cells have design and performance characteristics that are very different from NiCd and NiMH batteries and thus have different care and processing requirements. Also, make no mistake about LiPo or Li-Ion cells with other types of lithium-based cells (e.g. lithium metal, etc.), as other lithium hybrids have different care and processing characteristics. All types of lithium batteries are NOT the same. DON'T TRY TO USE NiCd OR NiMH CHARGE FEATURES WITH LIPO OR LI-ION BATTERIES! THE CHEMISTRY OF LIPO/LI-IONS IS VERY VOLATILE MISUSE CAN QUICKLY CAUSE CELLS TO GET HOT, EXPLODING, OR IGNITING, WHICH CAN LEAD TO SERIOUS INJURY OR INJURY. LiPo/Li-Ion cells have 8% self discharge means they can keep charge very well. Therefore, there is no need to seep the charge of LiPo/Li-Ion cells. This website or its third-party tools use the cookies that are necessary for its operation and are necessary to achieve the goals illustrated in the cookie policy. If you want to know more or withdraw your consent to all or some cookies, please refer to the cookie policy. By closing this banner, scrolling through the page, clicking on the link, or continuing to view otherwise, you agree to use cookies. Buyer Pays Shipping Sold This Hobbico HCAM charger is in excellent condition. Can charge a 4.8/6.0V receiver and a 9.6V battery transmitter NiCd on the field with your 12V power source. Automatically goes to the trickle charge when charging is completed. Includes instructions, a set of banana clips and spare fuses. The state and what's on, as shown in the photos. Note: Ships below 48 continental U.S. states only at a fixed cost of \$7.95 This item does not belong on this page. Thank you, we'll see about that. RRTV-PHOTO GALLERY MY GALLERY HELP-OFTEN MYHOME PMRR MEMBERS 211 ONLINE 5 EVENTS SEARCH REGISTER START HERE WATCH 1 page 299 views Post Answer RunRyder RunRyder 08-20-2018 201804:25 PM 26 months ago Subject Vote0Post 1 Tdk420n rNbieHarri, PANo Classified FeedbackAdd Classified Feedback Hobbico Fast Field Charger MKII Pro Series! have to use a fast box charger for sale. It's still in good working order. Included are some custom cables as well. Ask for \$10 and delivery. Thank you. SHARE PM EMAIL ATTN:RR Citation 08-31-2018 02:52 PM 25 months ago 0Post 2 Tdk420n rNewbieHarrisburg,PANo Classified FeedbackAdd Classified Feedback SHARE PM EMAIL ATtn:RR WATCH 1 page 299 views Post Reply RunRyder RunRyder Print Topic 1 Theme Subscription Site For Feedback Mail Response in The Seller's Theme. The seller can click on the Link Add Classified Feedback to your post. Attention Sellers! The price is optional, but recommended. Post a comment response that interferes with the sale process (and has not responded to) will be deleted on request. Click ATtn:RR for an offensive classified post. NIB-NIP re-selling is not allowed. Take it to eBay. Buyer Beware! RunRyder cannot vouch for the trust of the seller or buyer and will not be held responsible for any transactions related to the use of this site. Monday, October 19 - 10:22 a.m. - Copyright © 2000-2020 RunRyder EMAIL - Include Cookies Did One of Them? Being able to charge two packages at a time, Good function, and the price is good for a charger that works on small nicad, nimh, and lithium packs. I look at it mainly for charging 2 and 3 cell lithium packs as I already have a GWS charger that works for nicad and nimh packs. amp;FVPROFIL=++ to ads between posts I got one 2 weeks ago. It charges 3 cells of LiPoly packs up to 12.03 volts. It works perfectly, but I still like to get 12.6v in packages for more power and running time. Easy to use and beeps when done ... It is exchanged with a standard glow power panel. This means you could put it in your old glow caddy tool and run it off the 12v lead acid battery that is used to power the starter engine. This is useful information to have. I bought one but returned it to buy a Hitec CG-340, which charges up to 16 cells. With this charger, you can put 2 8 pack cells in a series and charge both of them (should be in the same discharge) at the same time. Also, it's \$10 cheaper. The only thing is there is no multi-meter connector for mesure voltage and/or mAh in the package while charging. Nelson I have one of those suckers. One of the reasons why I bought it... I was hoping to slow down the charge of some of my large packages (like 3000 mAh). But didn't realize that he got a 2-hour maximum charge period for Ni___ that you can't disable. Well good. It's still useful for peak charging all my battery park flyers while my Triton is busy. I'm not yet charging any of my Lee batteries with Hobbico. I have an idiot-proof Potensky 4-hour, 2-cell charger for my 2-cell Li-Poly packages. So I use that instead. According to the guide, Hobbico has a three-hour stop for Li batteries. It has one LED on each side that tells you what chemistry you have chosen. It's unfortunate that the LED doesn't have a flashing pattern that matches the detected cell count as a FEEDBACK LED on one of my MAHA chargers. The quote: Originally posted Nollie I have one of these suckers. One of the reasons why I bought it... I was hoping to slow down the charge of some of my large packages (like 3000 mAh). But didn't realize that he got a 2-hour maximum charge period for Ni___ that you can't disable. Well good. It's still useful for peak charging all my battery park flyers while my Triton is busy. I'm not yet charging any of my Lee batteries with Hobbico. I have an idiot-proof Potensky 4-hour, 2-cell charger for my 2-cell Li-Poly packages. 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For what it's worth it has some interesting features. It charges my NiMH 8 Cell 720 MAH packs around the same time as my small fleet of Dymond flyers chargers, so it's not too bad with this battery technology. It's just not enough in the Li-PO, IMO department. They should have set it very conservatively. I'm sure in the same price range you might find something a little better to charge up to a small Li-PO's. - Best Relationship, Ron Osinski aka - GMRO Quote: Originally posted nperiera What do you mean he has a 2-hour maximum charge term for NiMH? I don't see it indicated in the manual! The crepe manual doesn't explicitly indicate this, but it speaks in a roundabout way. The last page, under the TroubleShooting Guide: PROBLEM: Does not automatically stop peak charging of NiCd or NiMH batteries after 2 hours or does not stop charging or-ion batteries quickly after 3 hours. CAUSE AND CURE: An internal problem with the charger. Turn off the battery immediately and contact Hobby Services for more information. In other words, the charger is designed to stop after 2 hours (or 3 for Li-ion) if the peak has not been detected. If it does not stop after 2 hours, the charger fails. I didn't read this until after I tried a 2 hour charge that stopped at 2 o'clock (as intended) with a device emitting error beeps. The quote: Originally posted by GMRO I thought it would work for my little 3S Kokam 1020 MAH LI-PO package. It does, but it takes forever to charge it. About three o'clock. Then I found that I didn't really come close to the peak of the 12.6V of this package. I only get about 6 to 8 minutes of flight with my Hornet w/hacker engine/ESC. Looks like you're working a three-hour stoppage timer. If the charger is constantly honking after the charging cycle, this is a condition of error (including the termination of the security timer). If the charger emits seven beeps (w/our LED flashes), the peak charge has been successful. Are you saying I can't slowly charge my bags with this charger? Are we still talking about MKII or CG-340? Nelson quote: Originally posted by Nollie Crppy guide did not state it explicitly, but he talks about it in a roundabout way. The last page, under the Troubleshooting Guide: Sounds like you're working with a three-hour security timer. If the charger is constantly honking after the charging cycle, this is a condition of error (including the termination of the security timer). If the charger emits seven signals (w/ four LED flashes), the peak charge was successful. In fact, mine emits 7 beeps and flashed 4 times. So I can only think that the charger was made. I didn't have his error out on any Li or NiMHs packages that I charged. If you interrupt your charger, how to disable packages when it charges without Yellow button you can get a few error beeps. I did it to check it out. I also compared the charger with others, that is the same but owned by others. It works the same way. It's just a cheap charger. Not bad, but not very good, IMO. I think he will get more benefit from my trance and receiver packs on the field against charging Li-PO packages. I mean the Mark II charger. - Best relationship, Ron Osinski aka - GMRO Last GMRO editing; May 9, 2003 at 9:32 a.m. The quote: Originally posted nperiera you say I can not slow down the charge of my packages with this charger? Correct. It stops charge after 2 hours and starts the beep and flashes red/green until you stop it. The normal charge ends with several beeps and continues to flash the same color. So, it's not good for slow charging if you're not ready to restart it every 2 hours. It only charges lithium to 4.1 volts per cell, but I still use it and don't notice the difference in capacity from full charging. But, I never fly my lithium planes to the end of the battery anyway. I'm bored and move on to something else after 20 minutes. I really like the fact that it's two full chargers in one, and does a good job for mid-flight needs at a very reasonable price. In fact, the charger problem was the thing that kept many of my buddies from trying electrics. The discussion always went well until we got to the chargers and questions How much money?. Will it charge all kinds of batteries? Then I could see the excitement disappearing in their eyes. MKII is what finally got them to take the plunge. It's kind of a cross over the charger. It looks and smells quite like a field charger so as not to intimidate them, but it's going to take care of any immediate electrical things they're interested in trying: basically those things that feed on 2 Li-polis cells, and up to 8 cell nimhs and nicads. They also like the price: \$50 for two full chargers. And, if they decide they don't like electrics, the charger is still useful for them. We've been talking about electric wings races for a long time. Again, the charger was a stumbling block. Now ten previously IC only pilots bought unicorns and charger MKII. Let the fun begin! I have this charger as a way of moving up to 3 Lee Cell Pax and found it to really stop about 12.1 volts. At a maximum allowed 1.0 amp charge rate, it finish usually well under the hour as expected. I use it to charge a full 12.6 volt though, just using the settings of it, and keep a close eye on it with my voltmeter and stopping when it 12.7 volts under charge. This gives about 12.55 to 12.6 volts or so when the charge stops. I believe it's worth it for better performance. I was also unaware of the max charge time thing, but it makes sense now why it would be unsettling under slow slow in a couple of hours on my big pax. Overall though, I'm pleased. Being able to box charge two lee Pax at a time, on one \$50 charger means I can stay all day long. Dean in Milwaukee Can Now MKII Charge Lee-Paulie and Lee-Ion Package? Which one is one that looks little more than a packet of sugar? I think it's Lee-Poly, does MKII charge them? Nelson quote: Originally posted nperiera Can now MKII charge Li-Poly and Lee-Ion package? Which one is one that looks little more than a packet of sugar? I think it's Lee-Poly, does MKII charge them? Nelson Yes, MKII can charge both Li-Polys and Li-Ions. They are really the same in different packages. Li-Ions have the form of other cells: cylindrical metal. Li-Polys are the ones that look like a sugar packet. Big remind me of freezing dried astronaut food kits. Page 2 I have one and it worked pretty well except none!!!! do not know why, but I was charging 720mah 7 cell nimh and it never peaked, looked at the clock on the wall of my store and realized that it was charging for 2.5 hours that batting is almost singing my fingers, the heat shrink has been divided, and I expect the cells may have ventilated (although I haven't heard anything). I've been using both the battery and the charger since there are no problems... But I go out and get an astro 110d the next day Page 3 Thread OP I heard that some people are charging their nimh batts on more than 1x.... how does this affect batting? Is it safe? I use an astro 110d charger, can I charge my 1700 Aup in more than 1x? how about hr-sc2600's??? Page 4 Thread OP Hello Everyone I have a new new new charger and a new 7-cell 1300 battery that I tried to charge for the first time on Sunday. After reading the instructions, I started charging the battery on a very low 0.1 ampifier (as mentioned in the instructions for the initial charge) and left, as according to the instructions this first time process should take several hours. When I got back about half an hour later I had a message displaying that read: 'END.' - and it seemed like the charging process had stopped. I couldn't find any reference to this post in the instructions so I tried again to charge the battery this time at a normal amperage rate. After 15 minutes I got the same 'END.' message with charging stopped again. I don't believe the charging process was completed since the top right display showing the battery amp was only up to 900. So my questions are what's going on, what's going on is the END message, means, and what am I doing wrong? Any help would be appreciated. Thanks to Jim Connell's email protected Page 5 I have a Hobbico Accu cycle and he says he can charge Volt and 9.6 volt battery. I have a 6 cell 7.2 volt 600 mA battery. Can I charge this charger or do I need to New? Page 6 Thread OP Hi, are the clamp on the type of amplifier meters, as Sears models are accurate enough for our hobby or astro watt meter way? The clamp on sounds is easy and fast, but I don't want to buy something that's not going to do the job. Thank you! POWER Page 7 Which ones are better? to remove ads between posts I believe the Kokam 1020 is currently rated at 4c continuous (or 4 amps), while the Etec 1200's are estimated at 7 to 8c continuous (or 8.4 amps). From the FMA website. The total current should not exceed 3C with an average maximum current draw for standard current LiPo cells. Hoppy Kokams are a little lighter, Etec are higher capacity and have a higher discharge speed. It really depends on your engine and application. If it's a manual flyer park with an IPS engine, then Kokams is fine. If it's a razor or any other hot or brushless engine, you're better off with Etecs because of the higher ampifier discharge rating. In which plane and engine do you plan to fly on the battery? Richard I will use one in HL Eagle and one package in HL Miss2 Because of the conflicting data from Camp Kocham I believe etech will be the safest bet and you can pull 6 amps from etech 1200. I hope it helps. Bill quote: Originally posted cocie I will use one in HL Eagle and one package in HL Miss2 I run the Etec 2S1P package in my HL Cobra, a huge performance. The quote: Originally posted wildbill95823 Due to conflicting data from Camp Kocham I believe etech will be the safest bet and you can pull 6 amps from etech 1200. Hope it helps... The Etec 1200 can take much longer than that. I run my 3S1P packs on 8-10 amps and bursts higher than that. These are my S400 packages. I plan to use (1) 2-Cell Etec 1200-2S Lipoly Pack on my GWS A10, will it work? Thank you - Mike Mike. I just ordered a 2s1p E-Tec package for the same purpose. The E-Tec will be more than up to the task. Tim H. quote: Originally posted by Sal C I'm launching the Etec 2S1P package in my HL Cobra, awesome performance. The Etec 1200 can take much longer than that. I run my 3S1P packs on 8-10 amps and bursts higher than that. These are my S400 packages. Sal, will the Etek 1200 2s handle my Astro 010? Thank you, Bill quote: Originally posted wildbill95823 Sal, will Etek 1200 2s handle my Astro 010? Thank you, Bill Absolutely. Astro is rated at 6 max amps I believe it is only 5c for the 1200s. Astro likes higher voltage, though so you will probably be better off with a 3S package, you will probably be able to use 700 x as well for some weight savings. I'm testing the 700s now and my real flight test test be with the installation of the Razor engine and Astro 010 too. The Latter, edited by Sal C; May 11, 2003 at 11:05 a.m. Thanks to Sal C, I'll try the 3S 1200 E-Tech and let us know about your 700 tests. Bill I discharge tests posted for both the 1020 and 1200mah E-Tec on my web page. Just select the battery you're interested in and my actual results are there. Be sure to scroll down on the actual product page to see the discharge results. www.LightFlightRC.com I did these tests on an orbital charger/discharger. 1020's are good if you only use about 2 amps. After that they lose their ability and only really work using about 3 amps. -Dave I use as Kokam 1020s and E-Tec 1200 and in my opinion E-Tec 1200 as advertised and are the best value for money! Best Relationship, wattsup Page 8 Hi Helicool, there are several reviews out there that suggest that the KAN 950s is marginally superior to it's 1100 cells. My KAN 950s seems to be working well, and a little better than my 600AE, but don't take it as gospel because I just don't have enough data or experience with them yet. There is a thread somewhere in this forum entitled Gotta love these KAN cells - check that out for information. Cheers, Phil Page 9 Does anyone have any idea if snapping tape conductive? I recently had an accident and used some tape to repair my battery. When I plugged it into my speed control pack started smoking excessively and getting very hot. I guess I must have had something of a cut - the package worked well a week ago (before snapping the tape). Any ideas if the tape could be the culprit? Azgard to remove ads between crash posts may have caused some tears in isolation causing short cells, which is the more likely cause. This was my initial assumption - at the time of the accident the shrinkage around the battery was hacked. When I got home and tested the battery with a voltmeter, I removed the tapering wrap, so I threw it on the charger and peaked - it took the charge without problems. Since he took charge I assumed the package was still in order and decided to put some new cuts to wrap around it. To protect the ends of the camera, I used the cassette that I had on hand from the repair of zaga. I then used a compression to wrap around the entire package and took it to the field. As soon as I hooked it up to control the speed became very hot and the cells started venting. I had to enter a problem sometime between when I took the package with the charge, added strapping tape to the ends, and re-shrink wrapped it. Azgard I had the same problem with the Kan package that I had. It did not crash, but over time, the heat caused the cells to turn to shrink and split. In the end he split enough to with another cell with the same problem and boom. The mine occurred during the flight though. I use tape strapping on all my batteries to create a little bit of Pull out the battery without problems. Maybe try electric/vinyl tape in the future just to be doubly sure that it's not strapping tape that may be the reason short. Tape with tape with glass fibers in it. Looks like ESC might be cutting the package. Did you smoke anything at EUROVISION? Hoppy ESC seems to be fine - I flew 4 other packages on the plane with the same setup after the incident without any problems. OK, the case in case the short will cause an immediate battery collapse as it will be a short cell right now. If the battery was placed in the opposite direction, to - to -k -that would smoke when the chain was closed. Some thoughts, hoppy I'm sure I didn't have a package in reverse - I use Dean's Ultra connectors and it wasn't damaged in the crash - also, I checked the polarity with ohmmeter before I re-shortened the wrapped package. The package wasn't completely disassembled, just crushed - I just removed the old cracked shrinkwrap, straightened the cells, and rewrote it. Not the whole battery in reverse, only one cell ... But then you said you didn't reunite anything so ??? Hoppy Strapping tape will not cause any problems. If the package was short, there would be no esc to cause problems. Did you say the smoke came from the pack or from Eurovision? If the package is checked for a reverse or damaged cell. If the ESC is good it is not a package because it is only able to put the maximum voltage that ESC can handle. If it's not back as the above post stated. Highflier you can chk cables on esc, positive and negative cables can have a small cut in them and they are touched at that point so because a short one cell in the opposite direction will not cause a short circuit. Believe me, I did it. I actually tried to fly the plane and cycled the package twice before I discovered my mistake! What will happen is that other cells in the package will try to charge the reverse cell when the plane starts. As a result, you carry two additional cells for no reason. Most likely, the wrapper on the two cameras broke, and they're in contact. If you touch the external cases of the two connected cells together, you will cause a short circuit. Remeber - (external body) of one cell is connected to t the next. The quote: Originally placed mkirsch1 One cell in the opposite direction will not cause a short circuit. Believe me, I did it. I actually tried to fly the plane and cycled the package twice before I discovered my mistake! Forcing some cells to reverse a stress situation can cause a thermal escape causing the cells to collapse. Hoppy Page 10 This post is to warn that while packing and checking shipments of new 640HC cells and packages Kokam USA found that an error in delivery occurred in Kocham and which we got is actually a standard 640 cell. A small number was sent before the bug was found. Cell 640HC 640HC longer, slightly thicker, and weighs 0.15 grams more than the standard 640 cells. Needless to say, this has created difficulties in Kokam USA. Mr. J Hong is en route from Korea to meet with some of our OEM clients and arrives late at night Seda. He is not aware of the event and will be informed as soon as he arrives. JJ will no doubt resolve this situation with us and we will arrive with procedures to ensure that this does not happen again. The

