

28 FEATURES OF BALANCE PRO CHARGERS

- 1) Balance charges any Li Po, Li Ion, or A123 pack up to 6S.
 - 2) Adjustable current from 0.5 amps to 10 amps for up to 6 Li Pos. It can charge any capacity battery. The BP6S can deliver 10 amps into a 6S pack so long as the power supply or 12V battery can handle the current. Power supply must be capable of > 280 watts for maximum output power capability.
 - 3) Can charge up to 50Ah packs in a single charge.
 - 4) Low Voltage Restore repairs over discharged packs. Over discharge down to 0.5 volt per cell will be repaired to 98%.
 - 5) Charges 1 to 6 cells individually just like a cell phone charger. That means it is impossible to start a fire.
 - 6) Cell Balance is accurate to 10mV. (That is 10/1000 of a volt!)
 - 8) An existing wattmeter can be used in line to display volts, amps, AH, etc.
 - 9) Runs on 10 to 16 volt power supplies up to 26 amps.
 - 10) Charges competitors batteries with the appropriate adapter. The will balance just like the CellPro packs.
 - 11) Can charge thru the node connections without the power pins. This is convenient for top off charging in the aircraft.
 - 12) Charge and control accuracy not degraded by charge lead length. Use up to six feet if you choose. Extensions available from stock.
 - 12) Charger automatically detects when thin balance wires are used for carrying current. Current is automatically reduced to 4 amps to prevent melting the balance wires.
 - 13) Can fast charge packs as large as 3.3AH at 3C for a 20 min to 95% charge. Full charge is 28 min!
 - 14) All LiPos, Li Ions or A123 can be topped off without any danger of overcharge.
 - 15) Can charge physically damaged packs without the danger of fire.
 - 16) Cold weather charge mode protects batteries from over charge in the winter.
 - 17) PC viewer software allows graphing of individual cell performance.
 - 18) Can be directly tied with the West Mountain discharger for complete cell by cell analysis.
 - 19) Input and output are reverse polarity protected.
 - 20) Shows 30 different error codes to describe any problem. Display error codes on PC. Stores error codes for troubleshooting.
 - 22) Total plug and play without any user intervention.
 - 23) Over temperature protection allows operation in any climate.
 - 24) Charger runs at 90% efficiency, which means nearly all of the energy is going into the charge.
 - 25) The charger will handle continuous 10 amp current indefinitely up to 100 deg F ambient. Then there is a high temperature mode that drops the current. So, if someone tries to charge in the hot sun, the charger won't be damaged from overheating.
 - 26) Charges one to six cells in series.
 - 27) High performance microprocessor makes 14 safety checks every second even down to validating connector pin integrity.
 - 28) Does all the above seamlessly and automatically. If you don't care and don't want to know, then all you need to know is that you can plug in a pack and leave the unit to do its job and never worry about fires, unbalanced cells, or swollen packs.
- THIS CHARGER MAKES LI POs SAFER THAN THE MANY MILLIONS OF CELL PHONE & LAP TOP LI IONS IN THE FIELD. Using the BP 6S with A123 cells makes the safest battery combination of any rechargeable battery chemistry.