Twin engine Installation suggested wiring configuration

Switch to be ON/ON type only
Jaycar Switch number ST-0575
Diodes to prevent voltage feed from one engine to the other
Diodes 400v 3amp minimum Jaycar IN5404
This set up allows for redundancy and also better parallel of alternators

Note: Some people set up different voltages for the two ZM4's. this way they can have a trolling voltage and a cruise voltage, you have to remember to switch over though.