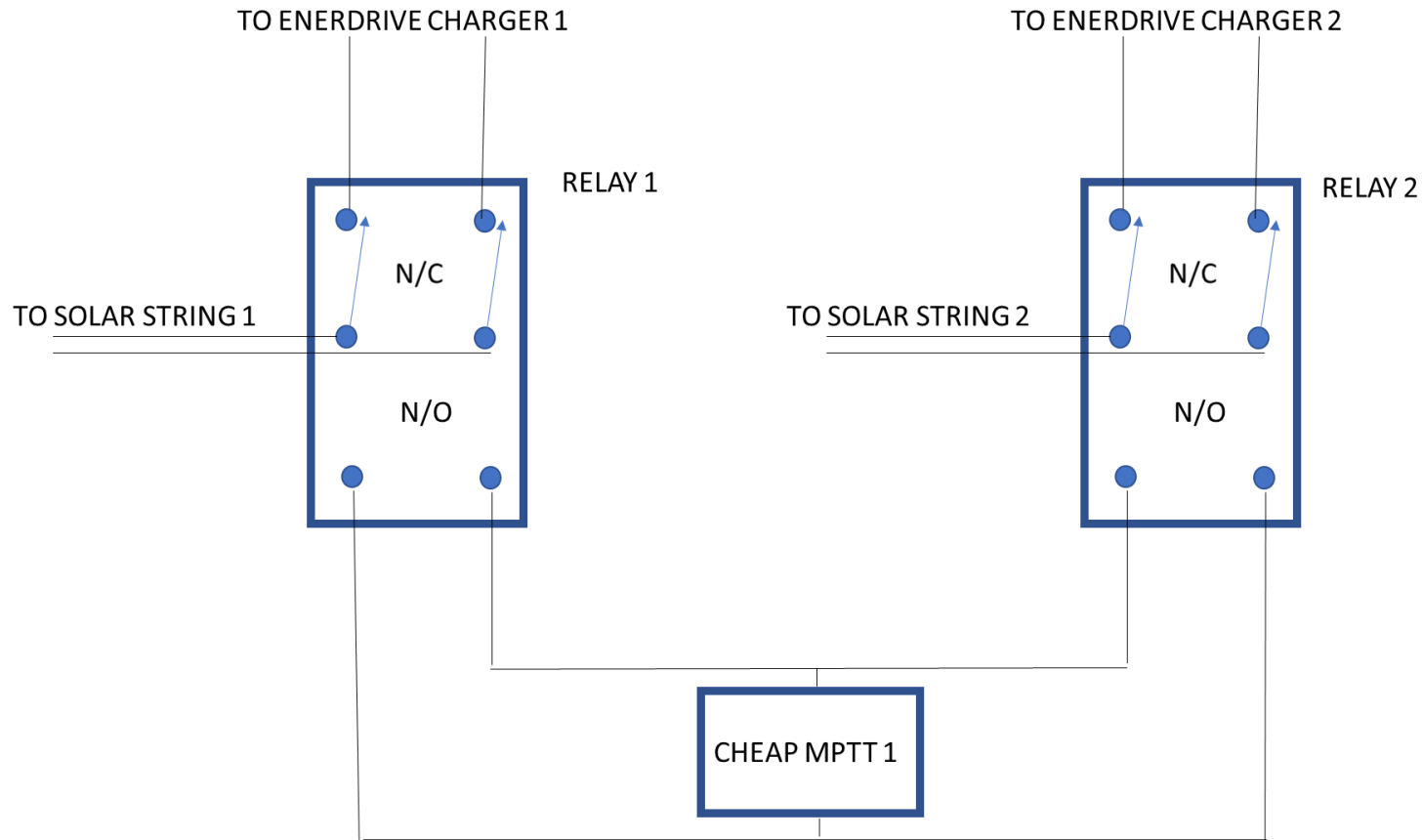


SOLAR SWITCH USING 2 DPDT 30A RELAYS



This design enables 2 strings of solar to be combined and diverted to a cheap MPPT charger so that when mobile this otherwise wasted Solar is feeding the battery or other device such as water heater etc.



Relay 1 & 2

1. In 'parked' operation Relays are in Normally closed (N/C) position and both solar strings go to Enerdrive chargers
2. In 'mobile' operation Relays are in Normally Open (N/O) position and both solar strings are combined to cheap MPPT charger
3. Relay coils are energized via a simple switch or can be via a wireless relay
4. Relay coils and energization method not shown for clarity