



∴ all cell are connected in parallel
 ∴ V_{in} will be 11.1 V

Circuit will have (require) current $I = \frac{11.1}{3.3} \approx 3.36 \text{ A}$

∴ Battery is required to supply 3.36 Ah
 or 16.8 A for all 5 hours

1 cell	5.2 Ah
x cells	16.8 A

$$x = 3.231$$

cell x → ∴ required 4 Li cells connected in parallel to power the circuit for 5 hours