



<b>3</b> 3	
)    -	798/12300 9 88 8 4 400 11 92
<b>a</b> a	starting with LED
) ) )	$V=12V$ $R=3.3\Omega$ $I=\frac{12}{R}=\frac{12}{3.3}=3.641$
) - ) -	Power = Volt X Current
)  -	3 64 / 411 6 - 0, 145
<b>)</b> -	= 12 * 3.64 = H3.68W/
<b>)</b> -	
• -	Energy = power * Time = 43.68 x 5 = 218.8 wh
•	Finding the Number of batteries
	I Found two approches
	7.000-4-1-00-100
	First using C-Rate
	8 LED Current = 3.64 A
	F.C. Rote = S I Battery Capacity = I
9	<u> </u>
	Butley Charge = 5-2 Ah C-Rat = 3-64/5-2 = 0.
<b>a</b>	andre de la companya de la companya Referencia de la companya de la comp
<b>D</b>	96 B. Olscarge time = 1/C-Rote 1 1/-0.7
<b>D</b> )	
	605 Dis Carge time = 21-48 cheare = 3-5
<i>)</i> -	
9) - •	90 Time needed= 5 hours 1 /48 = 3137 = 2 11.
<b>y</b> ) -	7:48
<b>)</b> ) -	Energy batteries - Rate
) -	
<b>.</b> -	

If usage of 80% of Capacity 1502 x 0.80 = 4.16 /battery charge