June:

2. Isc = 250 A/mi] Io = 1.7E-8 A/m Ti= 300 4 V= 9 W= 1-3806496-23 Voc = 47 In (Isc +1) = 5457 V b) vsing solver => V may = . 474 V () Imay = 1.602 F= - 19 X.47 (ISL+IO) -9. W. Te + 1. bE-8. 47 - MENSI 238.5 A/m2 PMX = IMAX VMX - 113.14 W/m Mmay = 1(3.14 = 13.8 20 0) 20 W =7, 177 m2 113.14 Wygz

$$V_{OU} = 3b(.b) = 21.4 \ V = 2 = 43.2 \ V$$

$$15c = 36 - 171 \ \frac{1.100^{2}}{4}) = 2.3565 \ A$$

$$= 72 \times 2.356 = 4.7/24 \ A$$

4.6 Pmax = 9 (75%) Rmar: .796 (558) 20 denenge - 9 - 796 x 100 = 11.55020 3 (1700) = 5100 Wh 5/00 - 97/4.28 Uh -75(,7) N- 9714.78 - 1235 = 13 booter: 25 125 (6) NPaner - 1700 Wh/100 = 6.8 = 7 Paners 5 LB . 50W Marine 8 hr to SULLS Connections