

Load	L1	L2
Max Current	22.9A	22.9A
Front AC	15	
Rear AC		16
Water Heater		10
Microwave	14	
Total	29	26

Loads			
100%	45.8	15+16+10=41	Front and Back A/C+Water Heater
75%	34.35	15+16=31	Front and Back A/C
50%	22.9	10+14=24	Water Heater+Microwave
25%	11.45	10	Water Heater