

Whynter FM-85G 85 Quart Portable Fridge/ Freezer Power Consumption Chart						
Model: FM-85G	77°F ambient temperature		90°F ambient temperature		109°F ambient temperature	
Running Voltage (V)	AC: 110V / 60Hz	DC:12/24V	AC: 110V / 60Hz	DC:12/24V	AC: 110V / 60Hz	DC:12/24V
Running Current (A)	AC :0.99/0.55 DC: 5.5/2.75		AC :0.99/0.55 DC: 5.5/2.75		AC :0.99/0.55 DC: 5.5/2.75	
Running Power (W)	AC:75 DC:65		AC:75 DC:65		AC:75 DC:65	
Lowest Temp. Inside	-7.6°F		-7.6°F		-0.4°F	
AC Power Consumption	39.2°F refrigerator : 0.42kwh/24h 10.4°F freezer : 0.7kwh/24h -0.4°F freezer : 0.908kwh/24h		39.2°F refrigerator : 0.58kwh/24h 10.4°F freezer : 1.05kwh/24h -0.4°F freezer : 1.23kwh/24h		39.2°F refrigerator : 0.7kwh/24h 10.4°F freezer : 1.28kwh/24h -0.4°F freezer : 1.5kwh/24h	
DC Power Consumption	39.2°F refrigerator : 25.8Ah 10.4°F freezer : 43.1Ah -0.4°F freezer : 55.9Ah		39.2°F refrigerator : 35.7Ah 10.4°F freezer : 64.6Ah -0.4°F freezer : 75.7Ah		39.2°F refrigerator : 43.1Ah 10.4°F freezer : 78.7Ah -0.4°F freezer : 92.3Ah	
Setting 39.2°F, pull-down time	16h		21h		28h	
Suggested battery capacity (AH)	12V/80Ah		12V/120Ah		12V/150Ah	
Battery using time (hrs)	52.1h 31.1h 24.0h		56.4h 31.2h 26.6h		58.6h 32.0h 27.3h	
Solar Panel Power(W)	150W		150W		150W	
Solar Panel charging Time (hrs)	7h		7h		7h	