

## Whynter FM-452SG 45 Quart Portable Fridge/ Freezer Power Consumption Chart

Model: FM-452SG	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 :1.0/0.56 DC: 5.3/2.6	AC :1.0/0.56 DC: 5.3/2.6	AC :1.0/0.56 DC: 5.3/2.6
Running Power (W)	AC:70 DC:60	AC:70 DC:60	AC:70 DC:60
Lowest Temp. Inside	-7.6°F	-7.6°F	-7.6°F
AC Power Consumption	39.2°F refrigerator : 0.357kwh/24h 10.4°F freezer : 0.62kwh/24h -0.4°F freezer : 0.802kwh/24h	39.2°F refrigerator : 0.43kwh/24h 10.4°F freezer : 0.78kwh/24h -0.4°F freezer : 1.06kwh/24h	39.2°F refrigerator : 0.562kwh/24h 10.4°F freezer : 1.08kwh/24h -0.4°F freezer : 1.35kwh/24h
DC Power Consumption	39.2°F refrigerator : 20.5Ah 10.4°F freezer : 34.8Ah -0.4°F freezer : 48.3Ah	39.2°F refrigerator : 26.5Ah 10.4°F freezer : 47Ah -0.4°F freezer : 66.2Ah	39.2°F refrigerator : 34Ah 10.4°F freezer : 63.2Ah -0.4°F freezer : 80Ah
Setting 39.2°F, pull-down time	12h	15h	18.2h
Suggested battery capacity (AH)	12V/80Ah	12V/100Ah	12V/120Ah
Battery using time (hrs)	66.5h 38.2h 28.5h	63.3h 35.5h 30.2h	59.2h 32.1h 25.2h
Solar Panel Power(W)	150W	150W	150W
Solar Panel charging Time (hrs)	7h	7h	7h