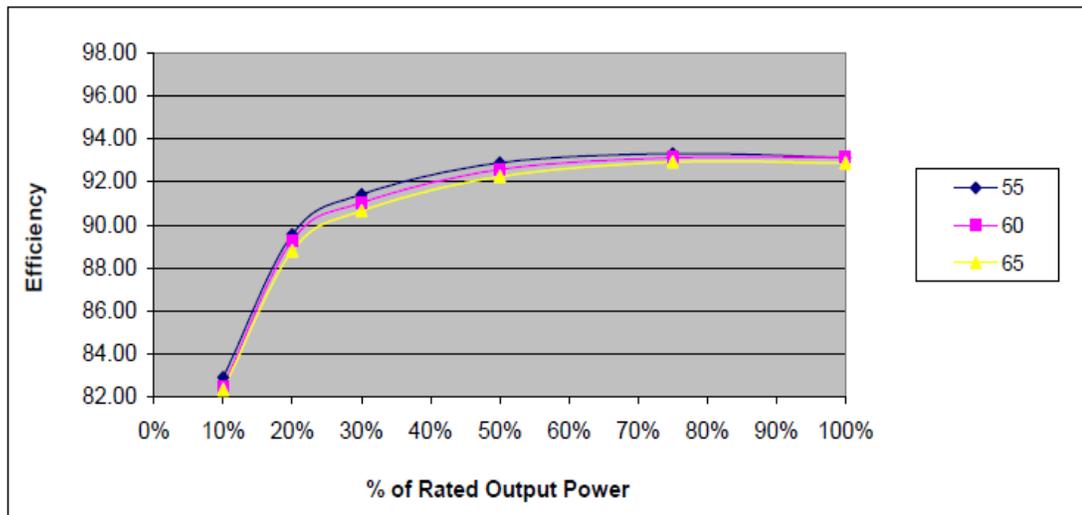


Manufacturer: Direct Grid Technologies, LLC
 Model #: DGM-460
 Serial #: 04041101QA
 Insulation Value High
 Rated Maximum Continuous Output Power: 0.415 kW
 Tare Loss: -0.27 W
 Vmin: 55 Vdc Vnom: 60 Vdc Vmax: 65 Vdc

Input Voltage (Vac)	Power Level (%; kW)							Wtd
	5%	10%	20%	30%	50%	75%	100%	
Vmin 55		82.90	89.56	91.43	92.89	93.32	93.14	92.39
Vnom 60		82.48	89.28	91.04	92.58	93.14	93.14	92.15
Vmax 65		82.33	88.79	90.66	92.25	92.94	92.89	91.89

Peak Efficiency: 93.3 % Nominal Average Efficiency: 93.0 %

CEC Efficiency = 92.0%



All Efficiency data is within 3 standard deviations from the average? Pass
 All output power levels are within tolerances during Efficiency Test? Pass

Equipment Used:

Asset #	Description	Mfg	Model	Serial	Cal Date	Cal Due
E437Z	Power Analyzer	Yokogawa	WT3000	91F730638	5-Apr-11	5-Jul-11
I039	Data Logger	Yokogawa	MW100-E-1D	91HB30006	2-Aug-10	2-Aug-11

Test Engineer: Radhe Patel

DATE: 11-Apr-11

