

1.0 Reference and Address					
Report Number	100219081CRT-001a	Original Issued:	4-Oct-2010	Revised:	11-Nov-2011
Standard(s)	UL 1741 UL Standard for Safety Inverters, Converters, and Controllers for Use in Independent Power Systems Second Edition, Dated January 28, 2010 CSA C22.2 #107.1 General Use Power Supplies Issued:2001/09/01 Ed:3				
Applicant	Direct Grid Technologies, LLC	Manufacturer	Direct Grid Technologies, LLC		
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2.0 Product Description	
Product	Grid-tied Micro-inverter
Brand name	NA
Description	The Direct Grid Micro-inverter is a DC to AC inverter system for use in mono/multi crystalline photovoltaic panel-to-utility grid-tie applications.
Models	DGM-S460, DGM-460, DGM-400 and DGM-S400
Model Similarity	DGM-460 is the non-echelon version of DGM-S460. DGM-400 is the non-echelon version of DGM-S400. They removed the Echelon communication board including the related filtering components.
Ratings	<p>DGM-460 and DGM-S460 Ratings: DC input range: 53-65 VDC, Max. 10.0 A AC output nominal: 208 VAC, range:187-229 VAC; or 240 VAC, range:216-264 VAC; 50/60Hz Operational temperature range: -40 °C – +65 °C Storage temperature range: -40 °C – +85 °C</p> <p>DGM-400 and DGM-S400 Ratings: DC input range: 43-55 VDC, Max. 10.0 A AC output nominal: 208 VAC, range: 187-229 VAC; 50/60Hz Operational temperature range: -40 °C – +65 °C Storage temperature range: -40 °C – +85 °C</p>
Other Ratings	NA