

# Declaration of Conformity

## 2014/35/EU LOW VOLTAGE DIRECTIVE 2014/30/EU ELECTROMAGNETIC COMPATIBILITY DIRECTIVE

*This is hereby declared that following designated products complied with the essential EMC and safety requirements of above Council Directive(s) on the approximation of the laws of the Member States relating to it.*

*Designation:*

**Solar Pump Inverter**

*Model/Type:*

**GD100-1R5G-S2-PV, GD100-2R2G-S2-PV, GD100-0R7G-SS2-PV, GD100-1R5G-SS2-PV,  
GD100-2R2G-SS2-PV, GD100-0R7G-4-PV, GD100-1R5G-4-PV, GD100-2R2G-4-PV,  
GD100-004G-2-PV, GD100-5R5G-2-PV, GD100-7R5G-2-PV, GD100-7R5G-4-PV,  
GD100-011G-4-PV, GD100-015G-4-PV, GD100-045G-4-PV, GD100-055G-4-PV,  
GD100-075G-4-PV, GD100-090G-4-PV, GD100-110G-4-PV, GD100-132G-4-PV,  
GD100-160G-4-PV, GD100-185G-4-PV, GD100-200G-4-PV**

*IP protection class:*

**IP20**

*The following Standards and other technical specifications have been used:*

**EN 61800-5-1:2007+A1:2017**

**EN 61800-3:2004+A1:2012**

*This declaration is the responsibility of the Manufacturer:*

**Shenzhen INVT Electric Co., Ltd.**

**INVT Guangming Technology Building, Songbai Road, Matian, Guangming District,  
Shenzhen, China, 518106**

*This declaration applies to all specimens manufactured identical to the model submitted for testing/evaluation. Assessment of compliance of the products with the requirements relating to EMC and safety standards listed above was performed by manufacturer.*

**SIGNED ON BEHALF OF:  
Shenzhen INVT Electric Co., Ltd.**



SIGNATURE: 董瑞力

POST: Technical Director

DATE: 2020-06-09

Model No.	Rated Input	Rated Output*	Size (mm)
GD100-1R5G-S2-PV	1 PH, 220V(-15%)-240V(+10%), 47-63Hz,15.7A DC 150-440V, 12A	3 PH, 0-Uinput, 0-400Hz, 7.5A, 1.5kW	80*185*140.5
GD100-2R2G-S2-PV	1 PH, 220V(-15%)-240V(+10%), 47-63Hz,24A DC 150-440V, 12A	3 PH, 0-Uinput, 0-400Hz, 10A, 2.2kW	
GD100-0R7G-SS2-PV	1 PH, 220V(-15%)-240V(+10%), 47-63Hz,9.3A DC 150-440V, 9A	1 PH, 0-Uinput, 0-400Hz, 7.2A, 0.75kW	
GD100-1R5G-SS2-PV	1 PH, 220V(-15%)-240V(+10%), 47-63Hz,15.7A DC 150-440V, 12A	1 PH, 0-Uinput, 0-400Hz, 10.2A, 1.5kW	
GD100-2R2G-SS2-PV	1 PH, 220V(-15%)-240V(+10%), 47-63Hz,24A DC 150-440V, 12A	1PH, 0-Uinput, 0-400Hz, 14A, 2.2kW	
GD100-0R7G-4-PV	3PH, 380V(-15%)-440V(+10%), 47-63Hz,3.4A DC 215-800V, 9A	3 PH, 0-Uinput, 0-400Hz, 2.5A, 0.7kW	
GD100-1R5G-4-PV	3PH, 380V(-15%)-440V(+10%), 47-63Hz,5.0A DC 215-800V, 9A	3 PH, 0-Uinput, 0-400Hz, 4.2A, 1.5kW	
GD100-2R2G-4-PV	3PH, 380V(-15%)-440V(+10%), 47-63Hz,5.8A DC 215-800V, 12A	3 PH, 0-Uinput, 0-400Hz, 5.5A, 2.2kW	
GD100-004G-2-PV	3 PH, 220V(-15%)-240V(+10%), 47-63Hz,17A DC 150-440V, 20A	3 PH, 0-Uinput, 0-400Hz, 16.0A, 4kW	170*320*196.3
GD100-5R5G-2-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,25A DC 150-440V, 30A	3 PH, 0-Uinput, 0-400Hz, 20.0A, 5.5kW	
GD100-7R5G-2-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,33A DC 150-440V, 40A	3 PH, 0-Uinput, 0-400Hz, 30.0A, 7.5kW	
GD100-7R5G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,25A DC 215-800V, 30.6A	3 PH, 0-Uinput, 0-400Hz, 18.5A, 7.5 kW	
GD100-011G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,32A DC 215-800V, 81A	3 PH, 0-Uinput, 0-400Hz, 25.0A, 11.0 kW	
GD100-015G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,40A DC 215-800V, 90A	3 PH, 0-Uinput, 0-400Hz, 32.0A, 15.0 kW	
GD100-045G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,98A DC 215-800V, 130A	3 PH, 0-Uinput, 0-400Hz, 92.0A, 45kW	
GD100-055G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,128A DC 215-800V, 150A	3 PH, 0-Uinput, 0-400Hz, 115A, 55kW	
GD100-075G-4-PV	3PH, 380V(-15%)-440V(+10%), 47-63Hz,139A DC 215-800V, 200A	3 PH, 0-Uinput, 0-400Hz, 150A, 75kW	282*560*238

GD100-090G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,168A DC 215-800V, 250A	3 PH, 0-Uinput, 0-400Hz, 180A, 90kW	338*554*326.2
GD100-110G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,201A DC 215-800V, 300A	3 PH, 0-Uinput, 0-400Hz, 215A, 110kW	
GD100-132G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,265A DC 215-800V, 360A	3 PH, 0-Uinput, 0-400Hz, 260A, 132kW	500*870*360
GD100-160G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,310A DC 215-800V, 430A	3 PH, 0-Uinput, 0-400Hz, 305A, 160kW	
GD100-185G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,345A DC 215-800V, 500A	3 PH, 0-Uinput, 0-400Hz, 340A, 185kW	
GD100-200G-4-PV	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,385A DC 215-800V, 550A	3 PH, 0-Uinput, 0-400Hz, 380A, 200kW	
* Remark: Uinput indicates Rated Input Voltage.			