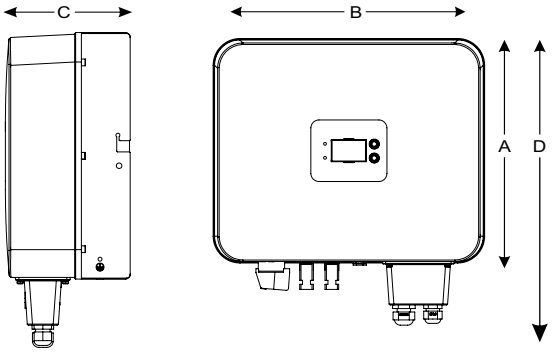
DC Reverse polarity protection	Yes
Short circuit protection	Yes
Over current protection	Yes
Over voltage / Under voltage protection	Yes
Over frequency / Under frequency	Yes
Insulation resistance monitoring	Yes
Over voltage / Under voltage	Yes
Residual current detection	Yes
Surge protection	Yes
Islanding protection	Yes
Temperature protection	Yes
Integrated DC Switch	Yes
Integrated AFCI (DC arc-fault circuit protection)	Optional

Topology	Transformerless
Consumption @ night	<1W
Operating temperature range	-25 to 60 °C
Cooling method	Natural convection
Relative humidity	0 to 100% non condensing
Max. Operational altitude	4000m
Noise	<25 dBA
Designed lifetime	>20 years
Warranty	10 years
Ingress protection	IP65
Dimensions (W*H*D)	375*394*156 mm
Net weight	10.8 kg
Mechanical integration	Wall mountable

Safety	IS 16169: 2014 / IEC 62116, IS 16221 (part 2): 2015 / IEC 62109-2: 2011
Environmental	IEC 60068-2-1, 2, 6 ,14, 21, 27, 30, 75 & 78, IEC 60529
Electrical	IEC 61727, IEC 61683, IEC 62891, IEC 61000

Dimensions (All are in mm)



A : 310mm B : 375mm
C : 156mm D : 394mm

Ordering information

GTI005WLM1PW	Grid Tie Inverter - 1 Phase / 5.2kW, wall mounted with WiFi Module

GTI - 005 - WLM - 1P - W

- W → Wifi module
- 1P → Single phase
- WLM → Wall mountable
- 005 → 5.2kW rating
- GTI → Solar on grid tie inverter