

HMI GT-02 Specifications

Item	HMI - GT02 5V/RS232C	
Rated voltage	5 V DC	
Operating voltage range	4.5 to 5.5 V DC	
Power consumption	1W max.	
Ambient temperature	0 to 50°C 32 to 122°F	
Ambient humidity	20 to 85% RH (No condensation at 25°C 77 °F)	
Storage temperature	-20 to 60°C -4 to 140°F	
Storage humidity	10 to 85% RH (No condensation at 25°C 77 °F)	
Vibration resistance	5 to 8.4 Hz amplitude: 3.5 mm, 8.4 to 150 Hz acceleration 9.8 m/s ² , 10 sweeps each in X, Y and Z directions (1 octave/min.)	
Shock resistance	147 m/s ² , 3 times in each of the X, Y and Z directions	
Environmental resistance	IP67 (in the initial stages) ^{*1}	
Mass	Approx. 170 g 5.997 oz	
Display	Display device	STN monochrome LCD
	Resolution	240 (W) x 96 (H) dots
	Display color	2 colors (black/white)
	Displayable area	88.5 (W) x 35.4 (H) mm 3.484 (W) x 1.394 (H) inch
	Backlight	GT02G: 3-color LED (green, orange, red)
Touch key life	1 million operations min. (at 25°C 77 °F)	
COM. Port	Communication standard	Conforms to RS232C Connector terminal base (8 pins)

BatteryDAQ Programmed HMI Functions

1. Battery String Data (String Voltage, Current, Temperature)
2. Battery Cell Data Display (Voltage, Internal Resistance, Contact Resistance)
3. Battery Alarm Setting to Sentry Unit (Battery Analyzer software has independent alarm settings to generate alarm.)
 - String Floating Voltage High/Low
 - Temperature High
 - Cell Floating Voltage High/Low
 - Internal Resistance High/Low
 - Inter-Cell Contact Resistance High
4. Battery Alarm Check
5. Battery Alarm Display (Color change to orange, screen flashes)
6. Calibration
 - Voltage
 - Current
 - Temperature

