



Key Features

- 6 DC Channel Monitoring
- DC Channel monitoring with reference Voltage
- Compact size
- Highly flexible design for quick adaptation of requirements
- RS485 Interface to connect with IOT Gateway
- Optional wireless

Introduction

Whirlybird WDC-06 is a versatile DC Energy meter for any IOT application primarily for any monitoring application where DC is involved. This device comes with LEDs for indication on each channel. The device is using RS485 interface to connect with IOT Gateway.

Specifications

Technical Specifications	
DC Voltage Inputs	1 Channel: -48VDC
DC Current	6 Channels DC200A/5V, 100A/5V
Accuracy	±2.5%
Resolution – Voltage	0.01V
Resolution - Current	0.02A(200A), 0.01(100A)
Resolution – Power	0.01kW
Resolution – Energy	0.01kWh
Energy Measuring Range	0-999999.99 kWh
Power Range	0.99.999 kW
Power Supply for Meter	-40VDC to -60VDC
Power Consumption	≤ 2W
Communication Interface	RS485
Communication Protocol	Modbus
Humidity	5% to 95% non-condensing
Ingress Protection	IP 51 As per IEC 60529
Operating Temperature	-20°C to + 60°C
Storage Temperature	-25°C to +70°C