

Micro Phasor Measurement Unit µPMU



Model PMU02

Features

- 1. Identify Phasor quickly
- 2. Log Timestamp, Phase, Voltage and Angle
- 3. GPS Inside and Synchronize with Reference Station
- 4. Support Real-time mode, Batch mode
- 5. Easy Use
- 6. Battery inside

Description

 μ PMU identifies the phase and angle of the energized attribute anytime and anywhere. μ PMU measures the local phase by using GPS synchronize with the reference station.



Hardware

GPS GPS Engine GPS Type GPS Gain GPS Gain GPS Gain Bluetooth Bluetooth Bluetooth Bluetooth Broadcasting interval Distance Housing Material ABS Flammability Rating IP Level IP54 Hammer test Standard IEC 60068-2-75:2014-09 Impact O.7 J Test Cycle Battery Battery Battery Battery Power Consumption Environmental Operating Temperature -20°C ~ 65°C Storage Temperature -30°C ~ 75°C Dimension GPS Engine GNSS GNSS GPS L1 GNSS GNSS GPS L1 GNSS GNSS GNSS GNSS GNSS GNSS GNSS GNS		2 2401/	
GPS Engine GPS Type GPS L1 GPS Gain 20dB(Active) Bluetooth Bluetooth Bluetooth Bluetooth Broadcasting interval Distance 10 Meter Housing Material ABS Flammability Rating IP Level IP54 Hammer test Standard IEC 60068-2-75:2014-09 Impact 0.7 J Test Cycle 5 Battery Battery Power Consumption Environmental Operating Temperature -20°C ~ 65°C Storage Temperature -30°C ~ 75°C	Measurement Voltage	3 ~ 240Vac	
GPS Type GPS Gain 20dB(Active) Bluetooth Bluetooth Bluetooth Broadcasting interval Distance 10 Meter Housing Material ABS Flammability Rating Support UL 94 V0 IP Level IP54 Hammer test Standard IEC 60068-2-75:2014-09 Impact 0.7 J Test Cycle 5 Battery Battery Power Consumption Environmental Operating Temperature -20°C ~ 65°C Storage Temperature -30°C ~ 75°C	GPS		
Bluetooth Bletooth Blet	GPS Engine	GNSS	
Bluetooth Bluetooms Bupport UL 94 V0 IP54 Hammer test Standard BleC 60068-2-75:2014-09 Impact 0.7 J Test Cycle 5 Battery Battery Battery 1100mAh / USB 5V Power Consumption 200mW@3.3V Environmental Operating Temperature -20°C ~ 65°C Storage Temperature -30°C ~ 75°C	GPS Type	GPS L1	
Bluetooth Broadcasting interval Distance Distance 10 Meter Housing Material ABS Flammability Rating IP Level IP Level IP54 Hammer test Standard IEC 60068-2-75:2014-09 Impact 0.7 J Test Cycle 5 Battery Battery Power Consumption Environmental Operating Temperature -20°C ~ 65°C Storage Temperature -30°C ~ 75°C	GPS Gain	20dB(Active)	
Broadcasting interval Distance 10 Meter Housing Material ABS Flammability Rating IP Level IP Level IP54 Hammer test Standard IEC 60068-2-75:2014-09 Impact 0.7 J Test Cycle 5 Battery Battery Battery 1100mAh / USB 5V Power Consumption 200mW@3.3V Environmental Operating Temperature -20°C ~65°C Storage Temperature -30°C ~75°C	Bluetooth		
DistanceHousingMaterialABSFlammability RatingSupport UL 94 V0IP LevelIP54Hammer testStandardIEC 60068-2-75:2014-09Impact0.7 JTest Cycle5BatteryBattery1100mAh / USB 5VPower Consumption200mW@3.3VEnvironmentalOperating Temperature-20°C ~65°CStorage Temperature-30°C ~75°C	Bluetooth	BLE 4.0	
Material ABS Flammability Rating Support UL 94 V0 IP Level IP54 Hammer test Standard IEC 60068-2-75:2014-09 Impact 0.7 J Test Cycle 5 Battery 1100mAh / USB 5V Power Consumption 200mW@3.3V Environmental Operating Temperature -20°C ~ 65°C Storage Temperature -30°C ~ 75°C	Broadcasting interval	500ms	
Material ABS Flammability Rating Support UL 94 V0 IP Level IP54 Hammer test Standard IEC 60068-2-75:2014-09 Impact 0.7 J Test Cycle 5 Battery Battery 1100mAh / USB 5V Power Consumption 200mW@3.3V Environmental Operating Temperature -20°C ~ 65°C Storage Temperature -30°C ~ 75°C	Distance	10 Meter	
Flammability Rating IP Level IP54 Hammer test Standard IEC 60068-2-75:2014-09 Impact 7.7 J Test Cycle Battery Battery 1100mAh / USB 5V Power Consumption Environmental Operating Temperature Support UL 94 V0 IP54 IP54 IP54 IEC 60068-2-75:2014-09 5 5 Environmental Operating Temperature -20°C ~ 65°C Storage Temperature -30°C ~ 75°C	Housing		
IP Level IP54 Hammer test Standard IEC 60068-2-75:2014-09 Impact 0.7 J Test Cycle 5 Battery 1100mAh / USB 5V Power Consumption 200mW@3.3V Environmental Operating Temperature -20°C ~ 65°C Storage Temperature -30°C ~ 75°C	Material	ABS	
Hammer testStandardIEC 60068-2-75:2014-09Impact 0.7 J Test Cycle 5 BatteryBattery $1100 \text{mAh} / \text{USB 5V}$ Power Consumption 200mW@3.3V Environmental $0 \text{perating Temperature}$ $-20 ^{\circ}\text{C} \sim 65 ^{\circ}\text{C}$ Storage Temperature $-30 ^{\circ}\text{C} \sim 75 ^{\circ}\text{C}$	Flammability Rating	Support UL 94 V0	
StandardIEC 60068-2-75:2014-09Impact 0.7 J Test Cycle 5 BatteryBattery 1100mAh / USB 5V Power Consumption $200 \text{mW}@3.3V$ EnvironmentalOperating Temperature $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$ Storage Temperature $-30^{\circ}\text{C} \sim 75^{\circ}\text{C}$	IP Level	IP54	
Impact $0.7 \mathrm{J}$ Test Cycle5BatteryBattery $1100 \mathrm{mAh} / \mathrm{USB} 5\mathrm{V}$ Power Consumption $200 \mathrm{mW} @ 3.3 \mathrm{V}$ EnvironmentalOperating Temperature $-20 ^{\circ}\mathrm{C} \sim 65 ^{\circ}\mathrm{C}$ Storage Temperature $-30 ^{\circ}\mathrm{C} \sim 75 ^{\circ}\mathrm{C}$	Hammer test		
Test Cycle5Battery 1100mAh / USB 5V Power Consumption 200mW@3.3V Environmental $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$ Storage Temperature $-30^{\circ}\text{C} \sim 75^{\circ}\text{C}$	Standard	IEC 60068-2-75:2014-09	
BatteryBattery 1100mAh / USB 5V Power Consumption 200mW@3.3V Environmental $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$ Operating Temperature $-20^{\circ}\text{C} \sim 75^{\circ}\text{C}$	Impact	0.7 J	
Battery 1100mAh / USB 5V Power Consumption 200mW@3.3V Environmental $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$ Operating Temperature $-20^{\circ}\text{C} \sim 75^{\circ}\text{C}$ Storage Temperature $-30^{\circ}\text{C} \sim 75^{\circ}\text{C}$	Test Cycle	5	
Power Consumption $200mW@3.3V$ Environmental $-20^{\circ}C \sim 65^{\circ}C$ Operating Temperature $-20^{\circ}C \sim 75^{\circ}C$ Storage Temperature $-30^{\circ}C \sim 75^{\circ}C$	Battery		
EnvironmentalOperating Temperature $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$ Storage Temperature $-30^{\circ}\text{C} \sim 75^{\circ}\text{C}$	Battery	1100mAh / USB 5V	
Operating Temperature $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$ Storage Temperature $-30^{\circ}\text{C} \sim 75^{\circ}\text{C}$	Power Consumption	200mW@3.3V	
Storage Temperature $-30^{\circ}\text{C} \sim 75^{\circ}\text{C}$	Environmental		
	Operating Temperature	-20°C ~ 65°C	
Dimension 3.62 x 8.5 x 1.57 inch	Storage Temperature	-30°C ~ 75°C	
	Dimension	3.62 x 8.5 x 1.57 inch	