

ACCU M1+ ULTRA



Existing Product Features

- CPU: Allwinner H3, Quad-core Cortex-A7@1.2GHz
- GPU: Mali400MP2@600MHz, Supports OpenGL ES2.0
- Storage: 8GB eMMC – 60Days Backup Data Storage
- USB Host: 2 x USB2.0 Type A
- Wi-Fi: 802.11 b/g/n
- Antenna Interface: Shared by Wi-Fi and Bluetooth, IPX interface (internal)
- Audio input/output Port 3.5mm jack/Via HDMI
- Bluetooth: 4.0 dual mode
- Microphone: onboard microphone
- microSD Slot: Internal
- Working temperature: -20°C to 70°C
- 1 x Gigabit Ethernet port
- MiniPCIE Interface: 2G/3G/4G/LTE module
- Pop-up Dual SIM card slots
- 1 x Type A HDMI port, HDMI 1.4a up to 1080p30 video output
- 1 x RS232 Interface (DB9)
- 3 x RS485 Interface (RJ12/RJ45)
- Telecommunications Standard / Compatible Power Interface
- DxBus™- enabled network communications protocol
- Multiple 3rd party communication protocol support
- OS: Debian, Ubuntu-Core, Android

Additional Product Features

- DC EMM integration with Provision of 6 DC CTs
 - 4 x CTs for Tenants
 - 1 x CT for Battery
 - 1 x CT for Solar
- Integrated Generator Management Function
- Digital Relay Outputs
 - 1 x Genset Control Relay
 - 3 x Spare Alarm Outputs for Future Provisioning
- Digital Inputs
 - 12 x Dry Contact Type for Alarm Inputs
 - 01 x 48VDC Capable Fan Alarm Input
 - 01 x 48VDC Capable Spare Alarm Input
 - 01 x 220VAC Capable Mains Alarm Input
 - 01 x 220VAC Capable Genset Alarm Input
- Fuel Sensor Dedicated RS485 Pass through Port
- **OPTIONAL:** Built-in Battery for 30Minutes Backup time

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Comprehensive LCD Display

ACCU Diagnostic Data

Site ID
Site Name
GSM Signal Strength
GSM Access/Registration (4G/3G/GPRS/HSDPA etc.)
Active SIM information
VPN IP and Status Info
SIM IMSI
GSM Operator Name
RSSI in dBm
CPU Temperature
RMS Server Connection Status
Battery Backup Power Status
ACCU Software Version

- **DC EMM** (DC Energy Measurement Module for External CT)

System DC Voltage
Independent Currents for all 6 CTs
Total and Independent Power (KW)
Total and Individual Energy (KWh)
E-Day Total and Individual Energy (KWh)
Multiple CT Type Configuration Option

- **GPIO** (General Purpose Inputs & Outputs)

Digital Inputs Status with Configurable Active States
Mains, Genset & Fan Status
Status of Relay Outputs

- **Fuel Information Display** (via dedicated RS485 port)

Fuel Volume (Lit)
Height of Fuel (mm)
Ambient Temperature (degC)
ADC RAW Data

- **SPMS** (Site Power Management System)

Battery Voltage
Extended Run Hours (Configurable)
Genset On Hold State
High & Low Voltage Threshold (Configurable)

Contact Us:

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*Specifications are subject to change without notice.