Site Controller

The site controller, CU-31A F, is the key component to do remote monitoring and management; it can communicate with Delta RMMS software to upload all measurement data and alarm event.
Delta is known for quality and product reliability, and this solution has been added cost effectiveness.

INPUT	EGCEEC-01-TC
Voltage (default)	-54V_{DC}
Voltage (adjustable range)	-18 to -60V_{DC}
Current	2.0A_{DC} (Max.)
MECHANICAL	
Dimensions (W x H x D)	425.0 x 44.0 x 304.0mm (16.7 x 1.7 x 12.0in)
Weight	1.8kg (4.0lb)
STANDARDS	
Cooling	Natural air flow
Operating Temperature	-40 to +70 °C (-40 to +158 °F)
Relative Humidity	95%, non-condensing
FUNCTIONS**	
Analog Input	AI x4
Temperature Detection	Ambient x2
Digital Input	DI x 8
Dry Contact	Free dry contact (DO) x6
DC Current Detection	DC current measurement x5 (via hall sensor)
RS485 Modbus Master	RS485 Modbus RTU x1
RS485 Modbus Slave	Modbus slave RTU for remote monitoring
CANBUS	IMBUS x1 to connect extension modules
Firmware Upgrade	Remote firmware upgrade
Data Log	100,000 data log
Ethernet Port	WAN x1; LAN x5
USER INTERFACE	
Communication Protocol	SNMP v1/v2c/v3
Languages	English, Traditional Chinese (default), Japanese (option)
EXTENSIONS (OPTIONAL) **	
Delta Standard Module Control/Monitoring	Rectifier, PV charger, LVD control board/AC meter/DC meter
Genset Control/Monitoring	Integrate genset ON/OFF control/monitoring functionality over RS485 Modbus RTU
Configurable DO/DI/AI PLC	PLC functionality for customization and supervision and control of auxiliary devices
ORDERING INFORMATION	
Site Controller	CU-31A F-S
Accessories	Signal connectors, cable fixing kits

* All specifications are subject to change without prior notice.
** The optional function is available but need to discussion for different application; please contact Delta solution team for the detail.

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