



The power behind competitiveness

Delta Monitoring Solution

POWER MONITOR

R3

Quick, Simple, Reliable.
Always care about your needs !

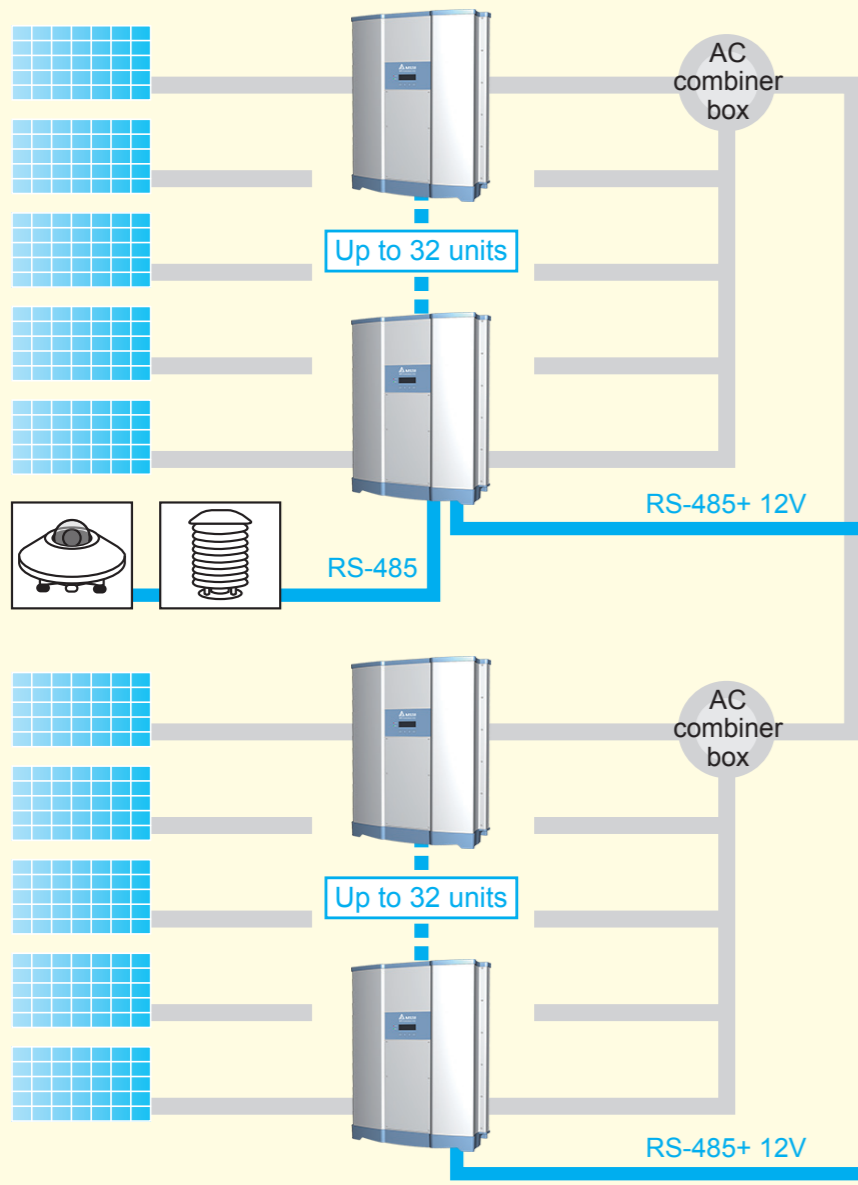
www.solar-inverter.com



DELTA
Smarter. Greener. Together.

Easy Inverter Setup

- Up to 32pcs inverters via RS-485
- Synchronize up to 32pcs inverters in the same field
- One touch parameter setups and FW update
- Portable size for usage to various sites



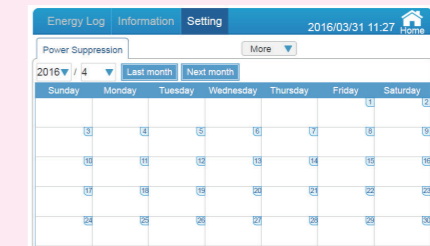
Monitoring Function

- Monitoring for power generation and inverter status.
- History record storage up to 20 years.
- Data backup and restore

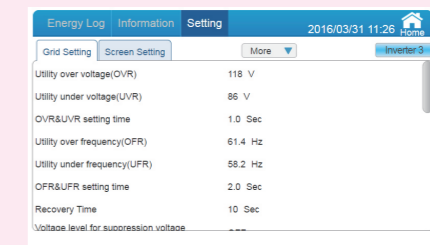


Implement of Utility Instruction

- Implementation of set points for reactive power and output power limitation.
 - (Level 1) Set from grid management system by SNMP
 - (Level 2) Set by user through R3 device, available to book the settings for 2 years
 - (Level 3) Parameter settings of inverter
- Record of power management history for 2 years



Power Suppression

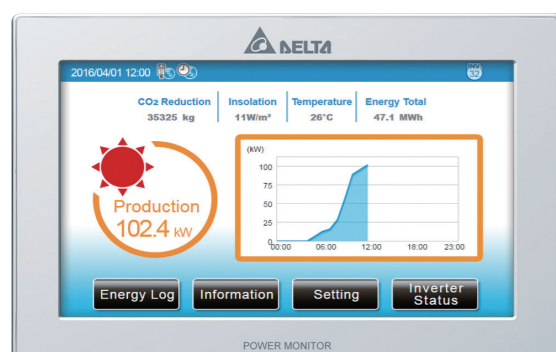


Grid Setting

Implement of Utility Instruction by SNMP protocol

Remote Configuration

- Remote monitoring
- Remote parameter setting and inverter firmware update
- Remote access for data downloading.
- Remote ON/OFF direction to inverters



POWER MONITOR R3

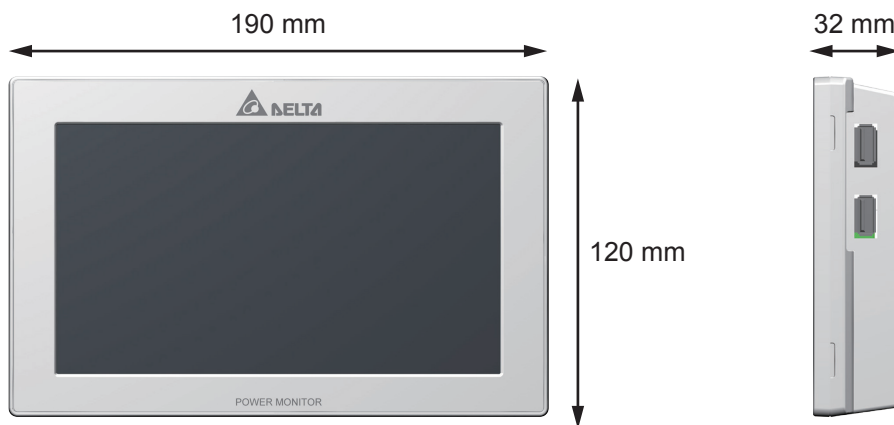
Smart energy monitor to control and optimize the system. Owner can simply read power produced, power convert and control to different operation modes via power monitor.

Product Features

- 7 inch touch screen
- Built-in storage and backup for 20 years
- Easy setup for 32 inverters at one shot
- Power management scheduling for two years
- Completely remote monitoring and maintenance functions
- Designed for power plant or self-consumption commercial project

Technical Specifications

Model	R3	
Screen	7-inch TFT liquid crystal display, 800 x 480 pixels, resistive touch panel.	
Display color	24-bit RGB (16,770,000 colors)	
Displayed details	Electric power generation, Calendar history, Inverter information, Error history, Restraint history display and the like.	
Data communication method	Ethernet	10 / 100 M, SNMP
	RS-485	19200 bps, Modbus-RTU
	USB	USB 1.0, 2.0, 3.0
Installation method	Wall mounted / Desktop installation (indoors)	
Rated operating voltage	12 Vdc	
Maximum electric power consumption	<10 W	
Electric power consumption	6 W (when backlight is turned ON)	
Standby electric power	2.2 W (when backlight is turned OFF)	
Operating temperature range	-20°C to 50°C (no freezing permitted)	
Operating humidity range	30% to 85% (no condensation permitted)	
Dimensions	120 H x 190 W x 32 D (mm)	
Weight	440 grams	
Maximum number of Power Converter connections	32 units	



DELTA ELECTRONICS, INC.

39 Section 2 Huandong Road,
Shanhua Township,
Tainan County 74144, Taiwan, R.O.C.
TEL 886-6-5056565
FAX 886-6-5051919
<http://www.deltaww.com>

20160331

