

Maintenance tools
for Photovoltaic power plant



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Without haste, but without rest.

Portable String Checker STM200 series

Basic functions : [8ch/12ch/16ch] String data logging & Data storage to USB.

Optional functions : IV-Curve tracer , Remote operating (RS485)



[1] PRODUCT NAME AND PART NUMBER

Product Name	Part Number
Portable string checker (8ch)	STM201
Portable string checker (12ch)	STM202
Portable string checker (16ch)	STM203
*Optional function IV-Curve Tracer	STM*1*
*Optional function Remote operating	STM*2*

Both = STM*3*

[2] GENERAL SPECIFICATION

Item	Standard
Dimension [W · B · H]	430x380x154 (splash proof Enc.)
Weight	8.5Kg or Less
Power source	Lion 3.7V/16000mAh
Charging Time	4h [100-240V 50/60Hz 2A]
Operating ambient temperature range	-5°C to 60°C [23F to 140F]
Power dissipation	19W
Operating time	ca. 3h

[3] MEASUREMENT METHOD

=== STRING-CURRENT SAMPLING ===

Item	Standard
Number of channels	8/12/16ch
Display & Operations	7inch Touch Panel & Push-Button
Measuring range	10-250A
Sampling interval time	2Sec.
Logging length	Continuation

=== IV-CURVE TRACER === **Optional**

Item	Standard
Number of channels	1ch
Input power range	400V/40A (MAX)
Sampling resolution	100points(variable interval timings)
Pyranometer	2000wW/m ² - 1ch -
Thermometer [Type 'K' Thermocouple]	-10°C to 120°C [14F to 248F] - 1ch -

Accessories

IEC power Cable(1.7m) x1 / CT Cable(2m) x12 / User's manual x1

IV-CABLE (1.5m) x1 / Pyranometer (Cable 5m) x1 / Thermocouple-Plug (Cable 2m) x1 **Optional**

** Product specifications are subject to change without notice.



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