

**Product Name :**  
Solar installation efficiency recorder and power quality analyzer**Product Code :**  
NRE-18-06-18-0210**Description :**

Solar installation efficiency recorder and power quality analyzer

**Technical Specification :**

Minimum Technical Specifications Required (like or better than):

Tests Single-phase and three-phase photovoltaic systems.

Analysis of power quality and energy consumption

Touchscreen interface

DC/AC TRMS voltage (single-phase and three-phase)

DC/AC TRMS current (single-phase and three-phase)

DC/AC active power (single-phase and three-phase)

Power factor cosj (single-phase and three-phase)

Solar irradiation

Panel and environmental temperature

Remote unit for measuring irradiation and temperature

Periodic recording of power parameters with programmable PI

Recording of voltage and current harmonics (up to the 49th)

Recording of voltage anomalies (dips, peaks) with resolution 10ms

Flicker analysis according to EN50160

Recording of Inrush Currents with resolution 10ms

Recording of voltage spikes with resolution 5 $\mu$ s

Complete analysis of power quality according to EN50160

Internal memory and USB output for PC connection

Power supply with rechargeable Li-ION battery

Rechargeable internal battery

Help on line on the display

## Electrical and Electronics

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