



# SOLAR CONTROL SYSTEM

**Medium Control:** system based on the analysis of strings + partial control panels called "patchy"

S.C.S. MEDIUM CONTROL

### System production analysis

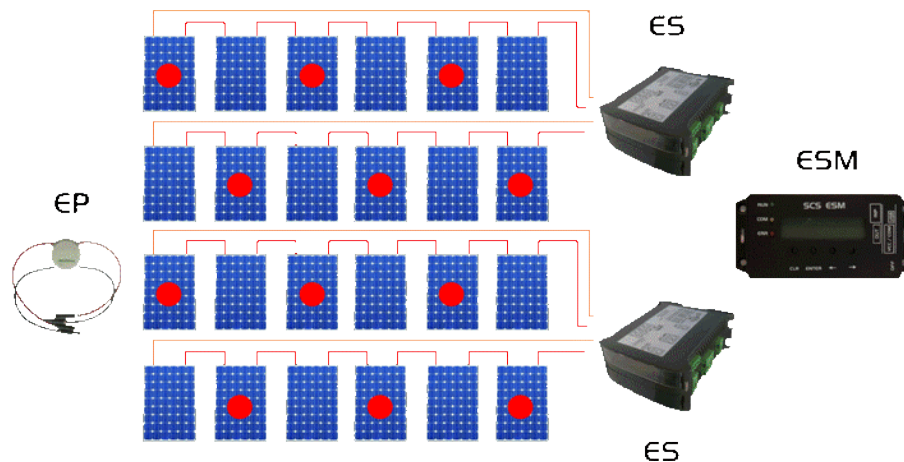
This application, economized, allows the possibility to control the production efficiency of the strings. Unlike the solution "Total control", it doesn't have the controls contemplated to all the PV panels.

### Anti-theft

About the economic values at stake, the application "Medium Control" allows the control of the ATTEMPTED REMOVAL OF THE PHOTOVOLTAIC PANELS based on the analysis "Day & Night" of the continuity circuit string (by measuring impedance). Economizing and giving up overall control panels ( available on Total Control System.) and global positioning "patchy" unlimited electronics panels "EP", you get a strategic "spot" check on the photovoltaic field.

### BOM

- n° 1 ESM (Master electronic) for plant
- n° 1 ES (string electronic) for each two strings of PV panels
- n° 1 EP (panel electronic) for every panel controlled



Hypothesis control productivity and anti-theft of four strings + anti-theft control anti removal on 50% of the panels.

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