



# SOLAR CONTROL SYSTEM

## Easy Control : system based on the analysis of string

### System production analysis

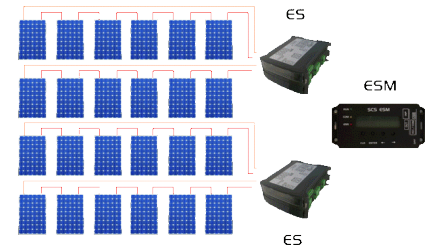
This application similar to "Medium control" but economized, allows the control of the productive efficiency of the laces. Unlike the solution "Total control", it doesn't have measures to controls contemplated FV to the panel.

### Anti-theft

In the logic of simplification, the application Easy control, that doesn't foresee the installation of electronics of panel "EP", it allows CONTROL PANEL ATTEMPTED REMOVAL founding on the analysis "Day & Night" of the continuity circuit string. The simplicity and adaptability of "Easy control" allows the economic application on already existing installations without influencing the productivity of the plant.

### BOM

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



Example of control productivity and anti-theft of four strings

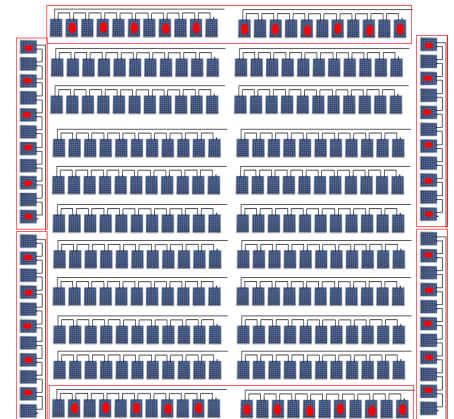
## Basic Control : system based on the control of string and panel in a partial way

### Anti-theft

The application "Basic control" deprived of the analysis of productivity, allows to effect controls of strings and PV panels that, not positioned in the totally of the plant, on the contrary, in strategic way in the zones held sensitive to the theft, they guarantee a competitive anti-theft system, similar to hte policy of operation "Medium control", ideal for large plants.

### BOM

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



Example of anti-theft with strings control perimeter of the plant with attached anti removal control( of 50%) of the panels.

S.C.S. EASY & BASIC CONTROL

V.I.07

www.shd-elettronica.it  
Email: info@shd-elettronica.it

Tel.& Fax: +39 0171 348019

SHD S.N.C.  
Via Bisalta 29 12100  
Cuneo (CN)

