

# WinCong Solar Charge Controller

Model No:SL02A-30A





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## Specification:

**Wincong Solar Controller 30A 12V 24V auto with light and timer sensor.**

|                                     |                                                                                                                                                        |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model no                            | SL02A-30A                                                                                                                                              |
| Rated charge current                | 30A                                                                                                                                                    |
| Rated load current                  | 30A                                                                                                                                                    |
| Work voltage                        | 12/24V Auto                                                                                                                                            |
| Over load, short circuit protection | 1.25 rated load current 60sec, 1.5 rated loads current 5sec, over load protection action. $\geq 3$ Rated load current short circuit protection action. |
| No load current                     | $\leq 6\text{mA}$                                                                                                                                      |
| Charging circuit voltage drop       | $\leq 0.26\text{ V}$                                                                                                                                   |
| Load circuit voltage drop           | $\leq 0.15\text{ V}$                                                                                                                                   |
| Over voltage protection             | 17V; $\times 2/24\text{V}$                                                                                                                             |
| Work temperature                    | Industry stage: $-35^{\circ}\text{C}$ to $+55^{\circ}\text{C}$ ;                                                                                       |
| Boost charge voltage                | 14.6V; $\times 2/24\text{V}$ ; (keep 10min)                                                                                                            |
| Direct charge voltage               | 14.4V; $\times 2/24\text{V}$ ; (keep 10min)                                                                                                            |
| Float charge voltage                | 13.6V; $\times 2/24\text{V}$ ;                                                                                                                         |
| charge return voltage               | 13.2v; $\times 2/24\text{V}$ ;                                                                                                                         |
| Temperature compensation            | -5mv/?/cell (Boost charge, Direct charge, Float charge, charge return voltage);                                                                        |
| Lower voltage indicate              | 12.0V; $\times 2/24\text{V}$ ;                                                                                                                         |
| Over discharge voltage              | 11.1V(no load)- real-time modified voltage by the discharge rate; $\times 2/24\text{V}$ ;                                                              |
| Over discharge return voltage       | 12.6V; $\times 2/24\text{V}$                                                                                                                           |
| Control mode                        | PWM charge mode; modified discharge voltage by the discharge rate                                                                                      |