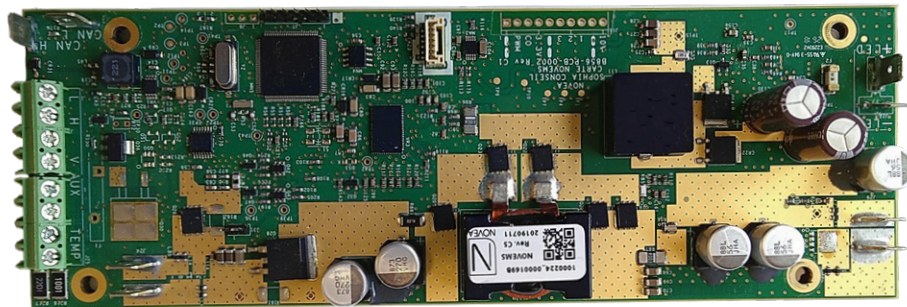


DATA SHEET OF CONTROLLER



TECHNICAL CHARACTERISTICS OF CONTROLLER

ELECTRICAL CHARACTERISTICS	Max power	70 W LED
	Input voltage	7-40 Vmpp
	Charge power	12 A
	Own consumption	8mA
	Output voltage	100 V DC max
	Output power	0 à 2000 mA
	Efficiency	95 %
MECHANICAL CHARACTERISTICS	Materials	Cast aluminium
	Cabling	Integrated in battery box
OTHERS	Operating temperature	-20 °C +80 °C
	Service life	> 30 years
NORMS	Applicables norms	CEM / EN55015 / EN61547 / EN62403 / EN61000 (see declaration of conformity in certifications)

FUNCTIONS

Customised lighting scenario with possibility of dimming mode and/or switch off.
 Automatic detection day/night (with ajustable time delay).
 Events memorising (Feedback).
 Operating time meter.
 Calculation of battery level of charge (SoC).
 Anti blackout system (adjustment of the lighting level in the event of a low state of charge to extend the operation)
 Safety :

- Important discharge
- Overload
- Temperature control
- Short circuit
- Polarity reversal solar panel and battery :