

'Not Charging' Lamp Driver (NCLD)

The **NCLD** provides feedback about the charging system of a 12V automotive lead-acid battery. A warning lamp (not included) will illuminate when the system voltage is below the normal charging voltage.

The device includes a precision voltage reference, operational amplifier and protected output stage, all integrated into a small potted box. The device is small (20 x 20 x 15mm) and light enough to be inserted inside a wiring loom or cable tied to it.

Specification	Part number:	102A2
	Warning Lamp OFF:	13.8V (charging voltage)
	Warning Lamp ON:	13.3V (battery charging minimal)
	Default switch-on state:	Warning Lamp ON
	Maximum voltage:	30V
	Reverse polarity protected:	YES (warning lamp will be ON)
	Lamp over-current protected:	YES (only with correct polarity)
	Quiescent current:	6mA (Lamp-ON) / 3mA (Lamp-OFF)
	Maximum lamp current:	3A

10-3-2018 (V2)

