



PLASMATRONICS

PL80 12-48V 80A Charge Controller

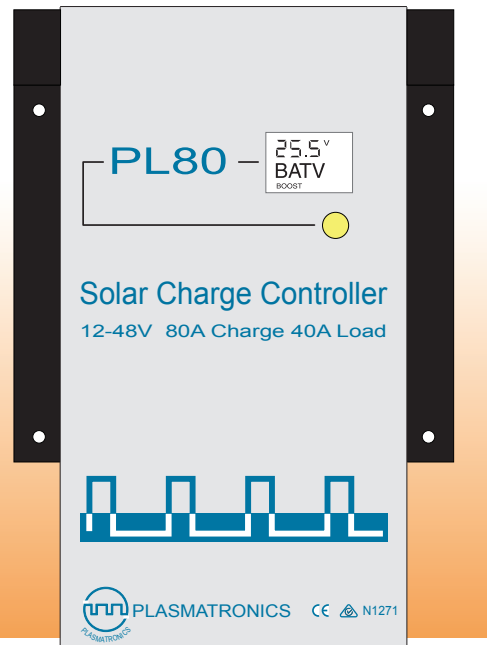
PRODUCT INFORMATION

Specifications

Nominal system voltages	12,24,32,36,48	V
Maximum voltage BAT+ to BAT-	100	V
Max short term voltage BAT+ to BAT-	120	V
Maximum voltage BAT+ to SOL-	100	V
Max voltage LOAD- to BAT-	60	V
Max voltage "G" terminal to BAT-	60	V
Max voltage B- sense to BAT-	+/-10	V
Max. continuous charge current (SOL-)	80	A
Max. continuous load current (LOAD-)	40	A
Max. short term load current	50	A
Max "G" relay contact current	0.3	A
Max "G" relay contact voltage	100	V
Charge side voltage drop at 80A	0.42	V
Temp sensor range	-5 to +50	°C
Maximum operating ambient temperature	50	°C
Max. storage temperature	70	°C
Supply Current	20	mA
Meter Accuracy	<+/-2% +/-1 display digit	

Physical Data

Dimensions H x W x D	225 x 175 x 62	mm
Weight	1100	gram
Anodised Aluminium Case		



CE N1271

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