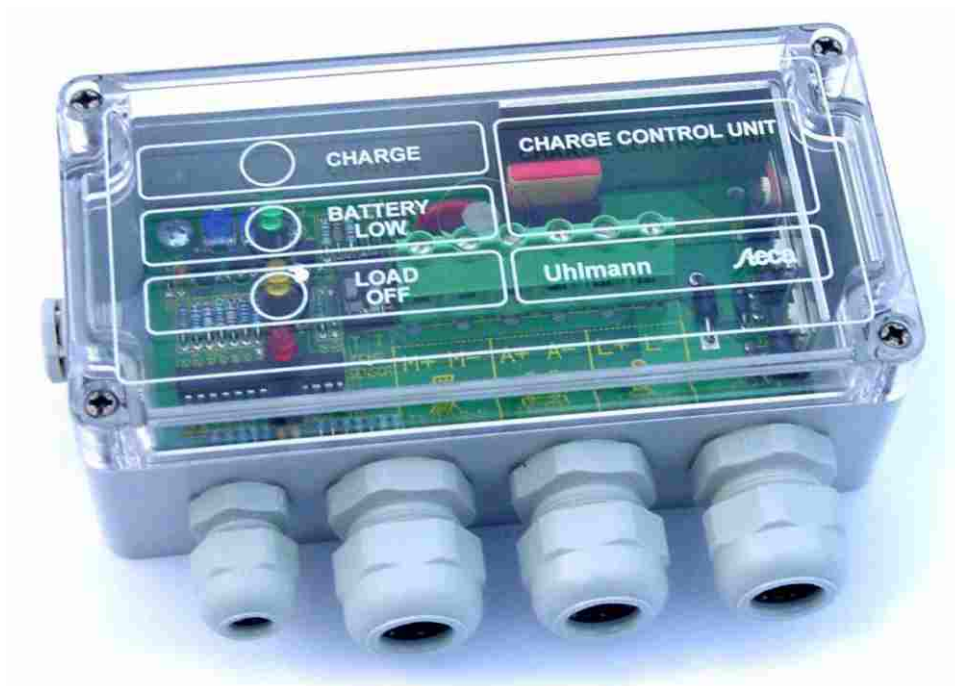


- ✓ 12/24 Volt system voltage
- ✓ 8 or 16A module and load current
- ✓ 3 LED displays



- ✓ protected against deep discharge and overload
- ✓ temperature compensation optional
- ✓ IP65 protected (splash proof)

SLR 2008/2016 solar charge regulators

- Automatic overcharge protection using the shunt-switch principle
- High efficient pulsed width modulation
- Deep discharge and overload protected
- Two years warranty

Options :

- The temperature sensor KTY 881-(6,8 or 10) adjusts the final voltage to the battery temperature by $-4,5 \text{ mV/C}$ cell.
- Anticondensation valve DAE7

Technical data		SLR 2008		SLR2016	
system voltage switchable	U_{sys}	12V	24V	12V	24V
full charge voltage	U_{final}	14.1V	28.2V	14.1V	28.2V
max. solar module power	P_{max}	130W	260W	260W	520W
LED "battery empty" on	$U_{\text{empty on}}$	11.5V	23.0V	11.5V	23.0V
LED "battery empty" off	$U_{\text{empty off}}$	12.5V	25.0V	12.5V	25.0V
load disconnect	$U_{\text{Load off}}$	11.0V	22.0V	11.0V	22.0V
load reconnect	$U_{\text{Load on}}$	12.5V	25.0V	12.5V	25.0V
max. input voltage	U_{INmax}	48V	48V	48V	48V
max. module current	I_{Kmax}	8 A		16 A	
max. load current	$I_{\text{Load max}}$	8A		16A	
quiescent current (12V, LEDs off)	I_{V}	3mA			
ambient temperature	T_{A}	-15...50°C			
max. humidity		75 %			
protection		IP 65			
case bottom		plastic		aluminium	
case cover		clear plastic		clear plastic	
terminals		4mm		10 mm ²	
cable glands		1x PG9, 3x PG16		1x PG9, 3x M25x1	
dimensions incl. PGs		160 x 110 x 60mm		175 x 110 x 60mm	
weight		470 g		670 g	

