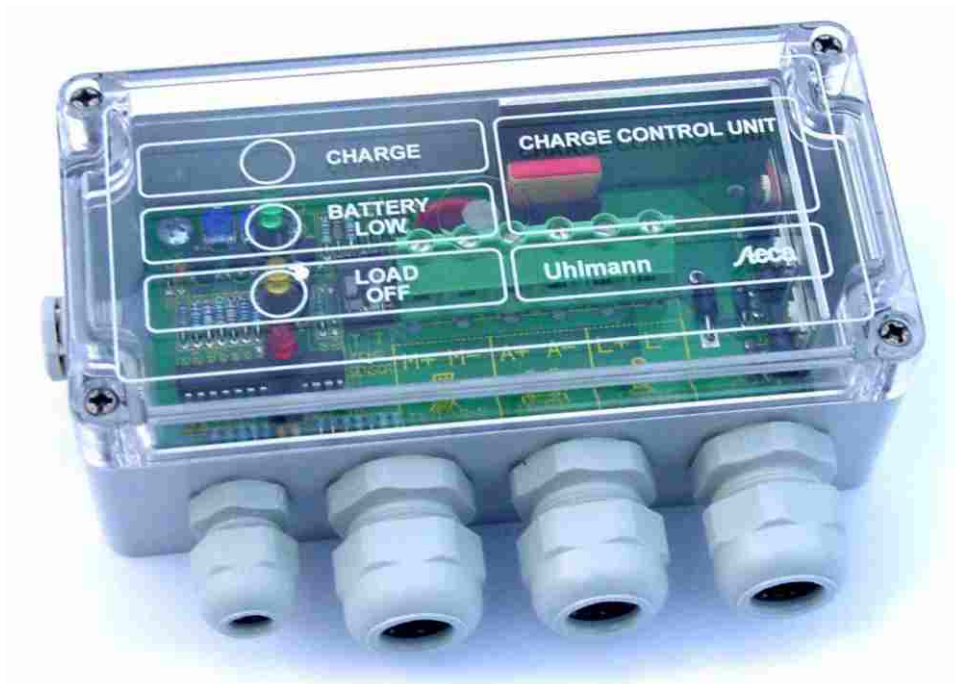


SLR4005/4010

48V charge controller

- ✓ 48 Volt system voltage
- ✓ 5 or 10A module and load current
- ✓ 3 LED displays



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

SLR 4005/4010 solar charge regulators for 48V systems

A charge regulator is indispensable for maintaining peak performance and long life span for batteries and solar installations. These special demands of solar power installations are met optimally by the Uhlmann SLR 4005/4010 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 4005	SLR 4010
Nominal system voltage	U_{sys}		48V
full charge voltage	U_{ct}		56.4V
LED "Batt. empty" on	$U_{\text{empty on}}$		46.0V
LED "Batt. empty" off	$U_{\text{empty off}}$		52.0V
Load disconnect voltage	$U_{\text{load off}}$		44.0V
load reconnect voltage	$U_{\text{load on}}$		50.0V
maximum input voltage	U_{INmax}		100V
maximum solar module current	I_{kmax}	5A	10A
maximum load current	$I_{\text{load max}}$	5A	10A
quiescent current (LED off)	I_{V}		$\leq 2\text{mA}$
operating temperature range	T_{A}		$-15...50^{\circ}\text{C}$
max. admissible humidity			75 %
ingress protection of enclosure			IP 65
case bottom		plastic	aluminium
case cover		clear plastic	clear plastic
connecting clamps			4mm ²
cable glands		1x PG9, 3x PG16	1x PG9, 3xM25
overall dimensions		168 x 110 x 60mm	175 x 115 x 60mm
weight incl. accessories		470g	670g

