



Front view



Side view

To extend the module input capacity of a CCU-IV Charge Controller, Slave Units can be added to the Master Control Unit. The maximum number of solar modules (Slave Units), which can be added, is almost unlimited; systems up to 50 kWp have been installed successfully.

The Slave unit is fully solid state with no moving parts or other sensitive components, resulting in a very high reliability.

#### Features

- Reverse polarity protection on solar array

#### Advantages

- Three solar array inputs with separate solid state on/off switches
- Modular concept (CCU-IV range)

<b>Electrical Specifications</b>		
<b>Model / Type:</b>	<b>12V / 24V</b>	<b>48V</b>
Nominal system voltage	12 / 24 Vdc	48 Vdc
Nominal array input current	3 x 30 A	3 x 13 A
Typical output current	90 A	40 A
Maximum modules input	50 Vdc	90 Vdc
Maximal battery input	40 Vdc	65 Vdc
Maximum input current	90 A (3 x 30 A)	40 A (3 x 13 A)
Typical operating current consumption	3 mA	3 mA

<b>General specifications</b>		
<b>Model / Type:</b>	<b>12V / 24V</b>	<b>48V</b>
Operating temperature	-10 °C to +55 °C	
Operating relative humidity	5% to 95% non condensing	
Storage temperature	-30 °C to +70 °C	
Construction	open frame	
Mounting	Indoor	
Unit weight	± 0,8 kg	
Dimensions (H x W x D)	21,6 x 8 x 14,7 cm	