



Solarix Solar Charge Controllers



40 Amps

FEATURES

- Volta e r gulation*
- PWM shunt battery charging*
- Boost charging*
- Equalising charge*
- Float charging*
- Automatic load reconnection*
- Automatic selection of voltage for 12V / 24V*
- Temperature compensation*
- Positive grounding*
- (or) negative grounding on one terminal*
- Field adjustable parameters by four buttons*
- RJ45 interface*

APPLICATIONS

- Solar home systems*
- Telecommunications*
- Recreation vehicles*

TECHNICAL SPECIFICATIONS

Model	2401	4401
System Voltage	12 V (24 V)	48 V
Max Module Input Short Circuit Current	40 A	40 A
Max Load Output Current	10 A	10 A
Max Self Consumption	14 mA	14 mA
End of Charge Voltage (Float)	13.7 V (27.4 V)	54.8 V
Boost Charge Voltage, 1 h	14.4 V (28.8 V)	58.8 V
Equalisation Charge (Deactivated for Gel Accu)	14.7 V (29.4 V)	13.7 V (27.4 V)
Reconnection Setpoint (LVR)	12.6 V (25.2 V)	50.4 V
Deep Discharge Protection (LVD)	11.1 V (22.2 V)	44.4 V
Ambient Temperature Allowed	-10 �C ... +60 �C	
Terminal Size (Fine / Single Wire)	16 mm ² /25 mm ²	
Enclosure Protection Class	IP 22	IP 22
Dimensions (L x W x H)	188 x 128 x 49 mm	
Weight	0.55 kg	0.55 kg

Technical Specifications subject to change without notification.