



**Enerdrive**  
DRIVING YOUR ENERGY NEEDS



EN41010  
EN41020  
12V 10A / 20A

# 10 & 20 Amp Solar Charge Controller

Maintenance free protection for your batteries and solar panels

Regulated output to prevents batteries overcharging

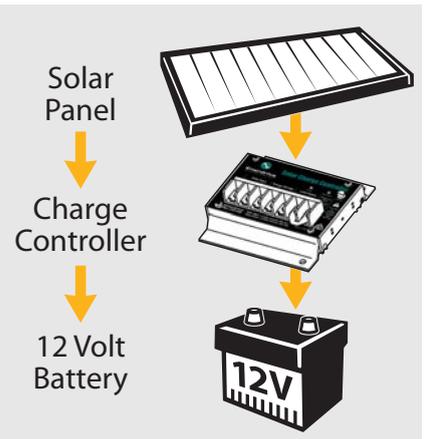
Load Disconnect (LD) version to protect batteries from over discharged

### Enerdrive Solar Charge Controller benefits include:

- Protects battery from overcharge and discharge
- Only for 12 Volt solar panels and batteries
- Handles up to 20 Amps of Array Current
- Handles up to 350 Watts of solar power
- Maintenance free protection of your solar panel and batteries
- Maintains battery voltage
- Maintain 12V batteries in a fully charged state

### Product Features:

- 10 & 20 Amp Charge Controllers
- LED status indicator provides quick reference to Charger, Battery and load status
- Selectable battery type
- Temperature compensation
- High precision on voltage setpoint
- Wall mountable



Dimensions:  
10.5 x 10.5 x 3.4 cm (L x W x H)

Weight: 0.3 kg

2 Year Warranty



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EN41010 / EN41020 - 12V 10A / 20A

# 10 & 20 Amp Solar Charge Controller

Solar Charge Controller	EN41010	EN41020
Battery voltage	12 Vdc	12 Vdc
Max. PV panel open circuit voltage	26 Vdc	26 Vdc
Maximum charge current	10A	20A
Maximum load current	10A	20A
Maximum load current	20A for 1 minute	40A for 1 minute
Operational Current (no load & no PV)	<10mA	<15mA
<b>Regulated battery charging voltage</b>		
Flooded Battery	14.6 Vdc	14.6 Vdc
Sealed Battery	14.2 Vdc	14.2 Vdc
Voltage across terminal (PV to Battery)	<0.15 Vdc	<0.15 Vdc
Voltage across terminal (Battery to Load)	<0.10 Vdc	<0.10 Vdc
PV Reverse Polarity Protection	Yes	Yes
<b>Battery Overcharge Protection</b>		
Flooded Battery	14.6 Vdc	14.6 Vdc
Sealed Battery	14.2 Vdc	14.2 Vdc
Load Overdischarge Protection	<11.5 Vdc	<11.5 Vdc
Load Reconnected Voltage	12.6 Vdc	12.6 Vdc
Battery Chargers Stages	2 Stage, Bulk, Float	
Recommended Wire Size	#12 AWG	#10 AWG
Operating temperature	- 40° C to 60° C	- 40° C to 60° C
Enerdrive Part Number	EN41010	EN41020
Specifications subject to change without notice		


 12V 10A Solar Charge Controller  
 EN41010

 12V 20A Solar Charge Controller  
 EN41020

 Dimensions:  
 10.5 x 10.5 x 3.4 cm (L x W x H)

Weight: 0.3 kg

2 Year Warranty

DEALER: