

CHA014 - CHA023 | CHA029

CHARGE CONTROLLER



CML

ECO-N

CXN

ECO

OVERVIEW

Our MPPT (Maximum Power Point Tracking) and PWM (Pulse Width Modulation) solar charge controllers are designed with an optimal feature-to-cost ratio to minimize the total cost of ownership of the off-grid system. For homes, cabins and RVs, our controllers are easy to use, reliable and include mobile device charging. Our controllers for industrial applications are designed to withstand the harshest conditions while offering industry-leading features like data monitoring to Maximise reliability and prevent outages. For solar lighting systems, our controllers include an array of advanced control options including automatic seasonal adjustments as well as time, voltage and motion-controlled dimming.

FEATURES & BENEFITS

- CML: Designed for rural electrification and mobile device charging
- ECO: Compact size and economical choice for low-power industrial applications
- CXN: Advanced features and intelligence for industry and lighting applications

BATTERY CHARGERS

CML: Designed for rural electrification and mobile device charging

Model	CM04	CM10	CML-USB-05	CML-USB-10	CML-USB-20
Product Code	CHA014	CHA015	CHA016	CHA017	CHA018
Current	4A	10A	5A	10A	20A
Voltage	30V	30V	30V/50V		
Power	70W	175W	87W/175W	175W/350W	350W/700W
Battery Voltage	12V		12V / 24V		
Features	POS Grounding		Low Voltage Disconnect; POS Grounding		

ECO-N: Compact size and economical choice for low-power industrial applications

Model	ECO-N-10	ECO-N-10-T	ECO-N-20-T
Product Code	CHA019	CHA020	CHA021
Current	10A		20A
Voltage	30V/50V		
Power	175W/350W		350W/700W
Battery Voltage	12V	12V / 24V	
Features	Potted; Low Voltage Disconnect; NEG Grounding		

CXN: Advanced features and intelligence for industry and lighting applications

Model	CXNup-10	CXNup-20
Product Code	CHA022	CHA023
Current	10A	20A
Voltage	30V/50V	
Power	175W/350W	350W/700W
Battery Voltage	12V / 24V	
Features	LCD; USB Charger; Data Logging; Low Voltage Disconnect; NEG Grounding; Lighting Control; Dimming	

ECO: Compact size and economical choice for low-power industrial applications

Model	ECO-N-MPPT 85/15
Product Code	CHA029
Current	12A
Voltage	85 Voc
Power	250W/500W
Battery Voltage	12V / 24V
Features	Potted; Data Logging; Low Voltage Disconnect; NEG Grounding