

MPPT SOLAR CONTROLLER 30 & 40 AMP

CATEGORY:

MPPT CONTROLLERS

MODEL TYPE:

SC-DB-MPPT-30-12

SC-DB-MPPT-40-12

IDEAL FOR:



5 YEAR WARRANTY

SYSTEM CONTROL AT YOUR FINGERTIPS

Unlock the full potential of your RV's power system with the Go Power! Connect app!

Get real-time insights into your solar charging stats, battery levels, and power consumption on your mobile device. Monitor performance, and set inverter and charging parameters. Available on the iOS and Android app store.



*removable cover

SC-DB-MPPT-30/40

The ultimate connectivity power & battery protection in a single unit. Introducing the MPPT (maximum power point tracking) solar charge controllers from Dometic Mobile Power Solutions. Featuring advanced safety and connectivity features. UL Listed and part of the PowerTrak™ line of products. Pair with a PowerTrak™ screen for ultimate control. 5-year warranty.

KEY FEATURES



**RV-C AND POWERTRAK
COMPATIBLE**



**CHARGE TWO BATTERY
BANKS SIMULTANEOUSLY**



**STACKABLE, PAIR UP
TO EIGHT ON A SINGLE
SYSTEM**



**SUPPORTS MULTIPLE
BATTERY CHEMISTRIES**



**FASTER INSTALL WITH
PUSH IN CABLE CLAMPS**



**UP TO 98% POWER
EFFICIENCY**



**FULLY PROGRAMMABLE
CHARGE SETTINGS**



**ADVANCED MAXIMUM
POWER POINT
DETECTION FOR PARTIAL
SHADE CONDITIONS**



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SPECIFICATONS	SC-DB-MPPT-30-12	SC-DB-MPPT-40-12
System Voltage	12/24 V	
Temperature Compensation	-3mV/°C/2V, none for Lithium batteries	
Battery Voltage Range	8 V – 32 V	
Max Total Charge Current	30 A	40 A
Max Secondary Charge Current	Adjustable to a 2.5 A maximum	
Max Panel Input Voltage	96 Voc	
Max PV Power Input	600 W @12V / 1200 W @24V	900 W @12V / 1800 W @24V
No-Load Loss	36.5 mA @12.5 V	
Operating Temperature	-40 to 140°F / -40 to 60°C	
Humidity	95% non-condensing	
Grounding	Common Negative	
Number of Battery Outputs	2	
Max Wire Gauge (B1 & B2)	8 AWG	
Standards	UL1741, FCC Part 15 Class B, RoHS	
Protection	Battery reverse polarity, Over temperature, Internal overvoltage, PV overcurrent, Reverse current (Battery to PV)	
Stackability	Up to 8 controllers (Maximum 240 / 320A or 4800 / 6400 W solar) Connected using 83542 - GP-RVC-PT-BC	
Dimensions (L x W x H)	7.55 in x 6.97 in x 2.6 in (192 x 177 x 68 mm)	
Weight	7 lbs / 3.18 kg	
Warranty	5 years	

REMOTES AND ACCESSORIES

*REMOTE AND ACCESSORIES - SOLD SEPARATELY

POWERTRAK™ SCREEN

The PowerTrak™ screen can be used as a standalone remote or as a backbone for a complete PowerTrak™ smart mobile power system.

POWERTRAK™ SCREEN

GP-PT-DIS-3 (Screen)

GP-RVC-EXT-25 (Cable)



POWERTRAK™ COMPATIBLE

Products featuring the PowerTrak™ icon can be integrated into a single smart system. Ideal for building on OEM installed parts, these components are built to work together, and be controlled on a single touch screen.

Contact your rep for more info on PowerTrak™, and the tools available to help you get the right parts.



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