



RNG-KIT-STCS100D-VOY20

RNG-KIT-STCS200D-VOY20

Renogy brings you solar power in a convenient, portable design. Introducing the Renogy Solar Suitcase Collection. These panels are equipped with a heavy duty carrying handle, and fold into the shape of a suitcase, for easy transportation, storage, and setup. Perfect for the adventurous traveller, offering convenience and dependability when venturing off the grid.

INTELLIGENT DESIGN

These Renogy solar panels have a special feature - they fold into the form of a suitcase, for more convenient storage, transportation, and setup.

EASY TO USE

Plug and play power supply can charge any power stations that can accept 21.6V, 100W DC input. It can also be easily integrated as part of your existed solar system, work with a charge controller to provide power to your battery bank.

MORE POWER AND FLEXIBILITY

Adjustable kickstands are easy to set up and allow you to get the best angle to capture sunlight, ensuring you always get enough energy.

READY TO USE

Along with a Foldable Solar Suitcase, each kit also comes with a Voyager PWM Charge Controller and a set of alligator clips, giving you everything you need to charge your battery with the power of the sun!

Solar Panel Specifications

Electrical Data	RNG-KIT-STCS100-VOY20	RNG-KIT-STCS200-VOY20
Max. Power at STC	100 W (±3%)	200 W (±3%)
Optimum Operating Voltage (Vmp)	20.4 V	18.0 V
Optimum Operating Current (Imp)	4.91 A	12.2 A
Open-Circuit Voltage (Voc)	24.3 V	21.6 V
Short-Circuit Current (Isc)	5.45 A	11.12 A
Maximum Series Fuse Rating	15 A	15 A
Cell Efficiency	>22%	>22%
Mechanical Data	RNG-KIT-STCS100D-VOY20	RNG-KIT-STCS200D-VOY20
Solar Cell Type	Monocrystalline PERC	Monocrystalline PERC
Dimensions (folded)	276 x 530 x 70 mm 10.9 x 20.9 x 2.8 in	670 x 826 x 70 mm 26.4 x 32.5 x 2.8 in
Dimensions (unfolded)	552 x 530 x 36 mm 21.7 x 20.9 x 1.4 in	1340 x 826 x 35 mm 52.8 x 20.9 x 1.4 lbs
Weight	9.6 kg (21.2 lbs)	17.5 kg (38.6 lbs)
Operating Temperature	-40°C - 85°C -40°F - 185°F	-40°C - 85°C -40°F - 185°F
Connectors	MC4 (IP 67)	MC4 (IP 67)

Charge Controller Specifications

Electrical Data	RCC20VOYP
Nominal Voltage	12 V DC
Rated Charge Current	20 A
Max. PV Input Voltage	26 V DC
Self-consumption	≤8 mA
Operating Temperature	-40°C - 140°C -40°F - 140°F
Grounding	Common Negative
Protection Rating	IP 67

Junction Box/Controller Configuration

