



RSP80EF



RSP120EF



RSP220EF

PORTABLE

Featuring frameless lamination and lightweight construction, these are the easiest panels to store, transport, and setup, that you will find on the market.

VERSATILE

These E.FLEX panels can be easily integrated with a wide array of off-grid solar systems, and are plug-and-play friendly with Renogy Phoenix Powerstations.

EFFICIENT

High-efficiency monocrystalline solar cells offer greater power output per surface area, and the built in kick-stand allows users to optimize the angled position to capture the most sunlight.

DURABLE

Industrial-strength ETFE film and rugged polyester canvas provide lasting durability against the harshest of weather conditions.

Electrical Data	RSP80EF	RSP120EF	RSP220EF
Max. Power at STC	80 W	120 W	220 W
Optimum Operating Voltage (Vmp)	17.2 V	19.8 V	22.7 V
Optimum Operating Current (Imp)	4.7 A	6.1A	9.7A
Open-Circuit Voltage (Voc)	20.7 V	23.8 V	26.8 V
Short-Circuit Current (Isc)	4.9 A	6.4 A	10.2 A
Maximum Series Fuse Rating	15 A	15 A	15 A
Module Efficiency	18.40%	19.54%	18.24%
Cell Efficiency	>22%	>22%	>22%

Mechanical Data	RSP80EF	RSP120EF	RSP220EF
Solar Cell Type	Monocrystalline PERC	Monocrystalline PERC	Monocrystalline PERC
Dimensions (folded)	630 x 434 x 25 mm 24.8 x 17.1 x 1.0 in	671 x 551 x 25 mm 26.4 x 27.1 x 1.0 in	739 x 582 x 41 mm 29.1 x 22.9 x 1.6 in
Dimensions (unfolded)	630 x 869 x 5 mm 24.8 x 34.2 x 0.2 in	671 x 1102 x 5 mm 26.4 x 43.4 x 0.2 in	739 x 2136 x 5 mm 29.1 x 84.1 x 0.2 in
Weight	3.3 kg (7.3 lbs)	4.8 kg (10.6 lbs)	9.23 kg (20.3 lbs)
Operating Temperature	-40°C - 65°C -40°F - 149°F	-40°C - 65°C -40°F - 149°F	-40°C - 65°C -40°F - 149°F
Connectors	MC4 Solar Connector	MC4 Solar Connector	MC4 Solar Connector
Output Cables	12 AWG 1000 mm (39.4 in)	12 AWG 1000 mm (39.4 in)	14 AWG 1000 mm (39.4 in)
Connectors	IP 67	IP 67	IP 67

