



**SPS 100A**  
Solar Panel Power System

*Designed for professional applications where the energy autonomy is needed.*

<b>Panel Characteristics:</b>	Single crystal solar panel
	Convert rate: 20% above
	Max Voltage: 18V
	Max Current: 11.3A
	Short-circuit Current I <sub>sc</sub> (A): 1.913A
	Open-circuit Voltage Voc: 21.324V Rated
	Size: 915*670*30mm
<b>Rate power Maximum:</b>	Power P <sub>max</sub> : 100W
	Current at P <sub>max</sub> I <sub>pm</sub> (A): 20A
	Voltage at P <sub>max</sub> V <sub>pm</sub> (V): 18.267V
<b>Battery:</b>	12V 50AH Lithium (Included)
<b>Battery Dimentions:</b>	Size: 320*138*81mm
<b>Protection:</b>	Water proof: IP66
<b>Solar Controller:</b>	Voltage: 12V
	Rated charging current: 20A
	PWM charging
	Battery reverse connection protection
	Solar panel reverse connection protection
	Working temperature: - 35°C ~ +70°C
<b>Communication:</b>	Wi /4G Router (Included)
<b>Gross Weight:</b>	Carton size: 97*21*73cm
	Gross weight: 24Kg

