



## Module Type:

RNG-50DB-H

Max Power at STC ( $P_{max}$ )	50 W
Open-Circuit Voltage ( $V_{oc}$ )	24.3V
Short-Circuit Current ( $I_{sc}$ )	2.75A
Optimum Operating Voltage ( $V_{mp}$ )	20.3V
Optimum Operating Current ( $I_{mp}$ )	2.47A
Temp Coefficient of $P_{max}$	-0.37%/°C
Temp Coefficient of $V_{oc}$	-0.28%/°C
Temp Coefficient of $I_{sc}$	0.048%/°C
Max System Voltage	600VDC (UL)
Max Series Fuse Size Rating	15 A
Fire Rating	Class C
Weight	1.3kgs / 2.87lbs
Dimensions	683*508*4mm / 26.9*20*0.16in
STC	Irradiance 1000 W/m <sup>2</sup> , T = 25°C, AM=1.5

**WARNING:** This module produces electricity when exposed to light. Please follow all applicable electrical safety precautions. Only qualified personnel should install or perform maintenance work on these modules. Beware of dangerously high DC voltages when connecting modules. Do not damage or scratch the rear surface of the module. Follow your battery manufacturer's recommendation.



Module Application: Class A

Quality  
Control  
Verified