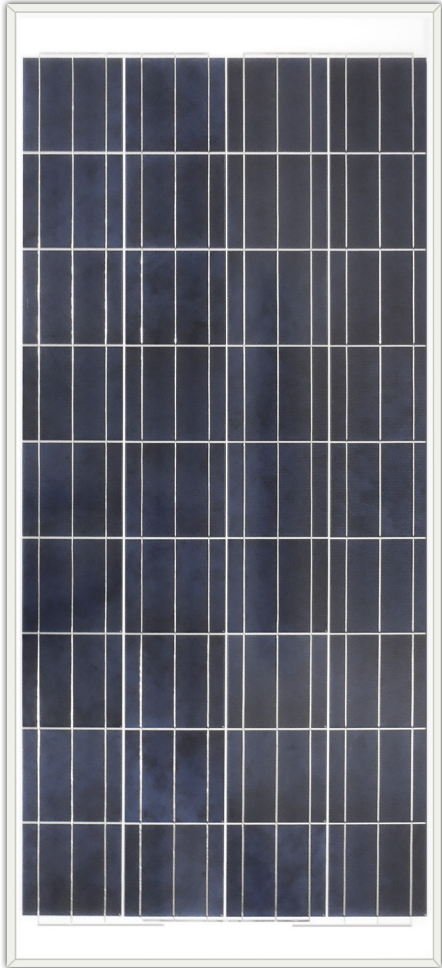


# VLS

## Value Line Series

## Value Line Series (VLS) - 125W Panel

The Value Line Series (VLS) family of solar modules, offered by Ameresco Solar, is a reliable, rugged, and economic panel engineered for off-grid solar applications. The VLS line offers the rugged and reliable construction, materials, and performance.



### The VLS-125W Panel features:

Rugged construction, precision engineering and quality components

Tempered glass, EVA lamination and weatherproof backskin that fosters long-life and enhanced cell performance

Manufactured according to International Quality and Environment Management System (ISO9001, ISO14001)

### ELECTRICAL CHARACTERISTICS

Maximum power ( $P_{max}$ ) <sup>(1)</sup>	125W
Tolerance ( $P_{max}$ )	±5%
Open circuit voltage ( $V_{oc}$ )	22.3V
Maximum power voltage ( $V_{mp}$ )	18.0V
Short circuit current ( $I_{sc}$ )	7.57A
Maximum power current at ( $I_{mp}$ )	6.94A
Maximum system (DC) voltage	80V
Operation temperature range	-40°C - 85°C
NOCT <sup>(2)</sup>	48±3°C
Temperature coefficient of $I_{sc}$	0.084%/°C
Temperature coefficient of $V_{oc}$	-0.390%/°C

### CERTIFICATIONS

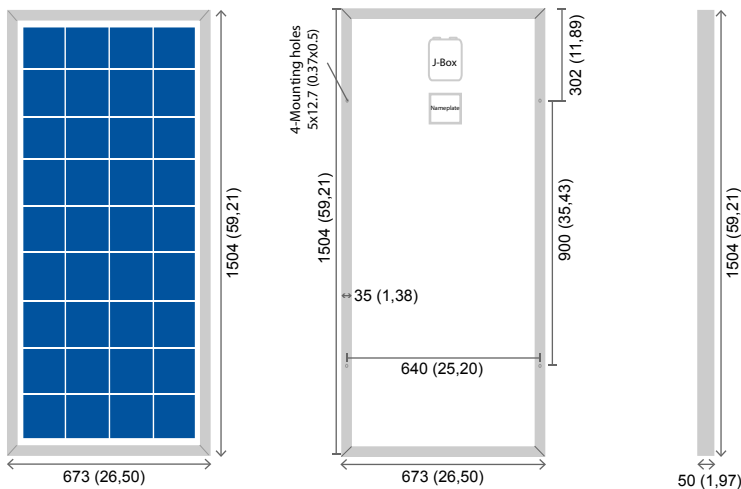


1. Values at Standard Test Conditions (STC): 1000W/m<sup>2</sup> irradiance, AM 1.5 solar spectrum and 25°C module temperature
2. Nominal Operation Cell Temperature: Module operation temperature at 800W/m<sup>2</sup> irradiance, 20°C air temperature, 1m/s wind speed

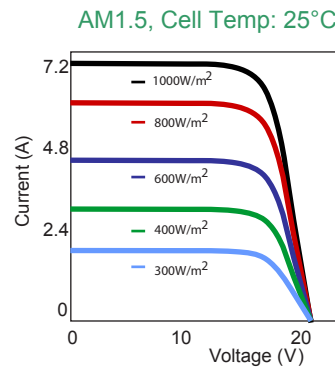
### MECHANICAL CHARACTERISTICS

Dimensions	1504 × 673 × 50mm / 59.21 × 26.50 × 1.97 in
Weight	11.7kg / 25.8lbs

### DIMENSIONS



### IV CURVES



Irradiance: AM1.5, 1KW/m

