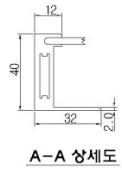
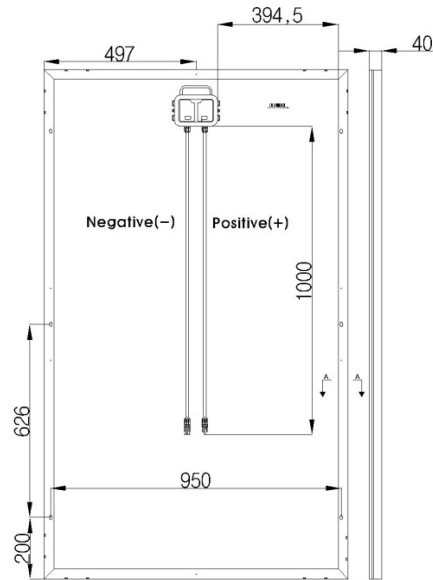
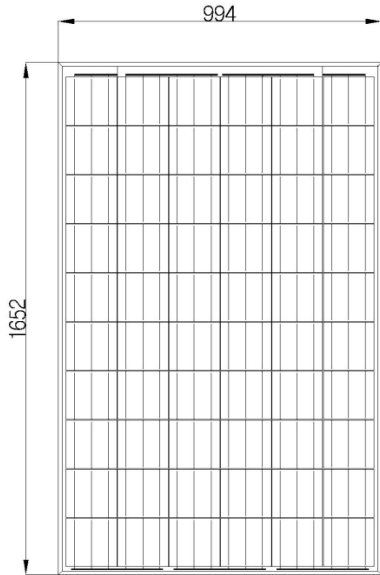


# Color-60Series (Multi Crystalline Photovoltaic Module)



## Drawing

[Unit: mm]



### Physical characteristics

Cells per Module	60Cells(6×10)
Cell Type	Multi Crystalline
Module Dimension(W×L×H)	994×1,652×40(mm)
Module Weight	20.0kg
Frame	Anodized Aluminum
Front Glass	3.2mm Tempered Glass
Junction Box	IP65, 4sqm

### Permissible Operating conditions

Temperature Range	-40 to +90°C
Maximum System Voltage	1,000V DC
Maximum Surface Load Capacity	2,400Pa
Impact Resistance	Hail 25mm at 23m/s

### Limited Warranty

- 10 years for product warranty
- 10 years for warranty of 90% power output
- 25 years for warranty of 80% power output

### Temperature characteristics

Temperature coefficient of $I_{sc}$	0.052%/°C
Temperature coefficient of $V_{oc}$	-0.344%/°C
Temperature coefficient of Power	-0.469%/°C
NOCT	43 ±2°C

### Physical characteristics

Item	Unit	Diamond Green	Diamond Gold	Diamond Red	Diamond Gray
Max. Power( $P_{max}$ )	W	240.0	235.0	240.0	220.0
Open Circuit Voltage( $V_{oc}$ )	V	37.56	37.50	37.56	37.49
Short Circuit Current( $I_{sc}$ )	A	7.99	7.95	7.99	7.35
Max. Power Voltage( $V_{mp}$ )	V	31.56	31.51	31.56	31.48
Max. Power Current( $I_{mp}$ )	A	7.61	7.46	7.61	7.01
Module Efficiency( $Eff$ )	%	14.62	14.31	14.62	13.40

\*STC(Standard Test Condition): 1000W/m<sup>2</sup>, AM1.5, 25°C

