

### Type

- Cell type Sphelar® cell
- Cells per module 12 cells

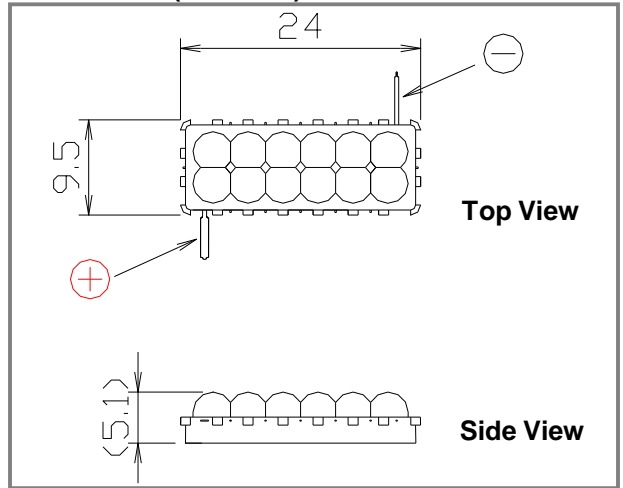
### Mechanical data

- Size (mm) 24(L) x 9.5(W) x 5.1(H)
- Module type 12 cell array
- Case polycarbonate

### Features

- Any combination of serial and/or parallel connections
- Compact, light and durable.
- Aesthetically very pleasing/intriguing
- High pliability to fit in various types of module

### Dimensions (unit: mm)



### Electrical Characteristics (Measurement condition : 100mW/cm<sup>2</sup>, AM1.5, Ta=25°C)

※Average

Product	Connections (Serial/parallel)	Pmax (mW)	Vpm (V)	Ipm (mA)	Voc (V)	Isc (mA)
KSP-F12-1S12P-W1-X	1 / 12	13.5	0.48	28.0	0.61	29.7
KSP-F12- 2S 6P-W1-X	2 / 6	13.5	0.97	14.0	1.21	14.7
KSP-F12- 3S 4P-W1-X	3 / 4	13.5	1.46	9.2	1.81	9.7
KSP-F12- 4S 3P-W1-X	4 / 3	13.5	1.95	6.9	2.42	7.2
KSP-F12- 6S 2P-W1-X	6 / 2	13.5	2.97	4.5	3.64	4.7
KSP-F12-12S1P-W1-X	12 / 1	13.5	6.00	2.2	7.27	2.3

Specifications are subject to change without notice.