



## Datasheet

	<b>Product</b>	<b>Mini SKLep</b>	<b>SKLep unit</b>	<b>abc SKLep unit</b>
	<b>Model</b>	<b>SKL-10</b>	<b>SKL-100</b>	<b>SKL-XX</b>
	<b>Design</b>	1 pcs MiniSKLep module	Premounted 10 pcs MiniSKLep modules	Premounted units from 1KW to 1MW (100 to 100K pcs MiniSKLep modules)

### Input Data (DC)

Operational Input Power	$P_{in}$	0- 0.2 W (peak point)	Data depends on power and assembly
Operational Input Voltage <sup>(1)</sup>	$V_{in}$	0 - 12 V	
Input Current <sup>(2)</sup>		< 1 mA	
Max allowed Input Voltage		14 V	
Max allowed System Voltage <sup>(3)</sup>		240 V	

### Output Data (DC)

Max Output Power	$P_{out}$	10 W	Data depends on power and assembly
Output Voltage		0 - 12 V	
Max Output Current		0.833 A	
Serial Voltage Range <sup>(3)</sup>		< 240 V	

### Efficiency

COP <sup>(4)</sup>	>100	>100
Heat dissipation	<1 Wh/h	Data depends on power and assembly


### Mechanical Data

Operating Temperature Range	- 20 °C to + 60 °C	
Isolation Design	IEC 60112	
Dimensions	Cyl: D 60 / H 30 mm	Data depends on power and assembly
Weight	30 grams	
Input DC Connector	Free cables	
Output DC Connector	Free cables	

### Features

Power Control system	Integrated E-Cat AI
Warranty	3 Years Full
Expected Operational Lifetime	100,000 Hours

### Compliances

Safety, EMC & Grid Compliances	 EN 55015, 61457, 62493, 60598-1, 60598-2-1, 62031 EN IEC 61000-3-2, 61000-3-3
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- 1) The Input Voltage  $V_{in}$  must be supplied from a **grid connected** PSU or AC/DC converter.
- 2) Measured averaged value
- 3) Like solar panels SKL modules can be interconnected in serial and parallel to achieve higher output power.
- 4) **COP** (Coefficient of Performance =  $P_{out}/P_{in}$  ) warranted value at normal operation

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