

# SOSEN LED Driver, Your Smart Choice

## SS-720VP LED

: SS-720VP-XX

: 720W LED

: V06

: 2023-02-01





## (SS-720VP-56\*)

|          | 28V     |       | 56V     | 28-48V                       |
|----------|---------|-------|---------|------------------------------|
|          | 48V     |       | 56V     | $P_o = V_o \cdot I_o = 720W$ |
|          | 12.8A   |       | 15A     | 15A 48V, 12.8A 56V           |
| AOC      | 1.5A    |       | 15A     |                              |
|          |         |       | 60V     |                              |
| & 120Vac | 90.5%   | 92.0% |         | 56V/12.8A                    |
| & 220Vac | 93.5%   | 95.0% |         | 56V/12.8A                    |
| & 277Vac | 94.0%   | 95.3% |         | 56V/12.8A                    |
|          | -5%     |       | +5%     |                              |
| PK-AV    |         | 5%    | 10%     |                              |
|          |         |       | 10%     |                              |
|          |         |       | 0.5S    | 120Vac                       |
|          |         |       | 0.5S    | 220Vac                       |
|          | -2%     |       | +2%     |                              |
|          | -2%     |       | +2%     |                              |
|          | -0.03%/ |       | +0.03%/ | 0 90                         |
|          | 90      | 100   | 110     | > Tc Typ.,<br>< Tc Min.,     |
| /        |         |       | 10W     |                              |





|       |      |                    |       |           |                            |
|-------|------|--------------------|-------|-----------|----------------------------|
|       |      | 11.6V              | 12V   | 12.4V     | 6W                         |
|       |      | 0mA                | 300mA | 400mA     |                            |
| 0-10V |      | 0V                 |       | 12V       |                            |
|       |      | 10%Ioset           |       | 100%Ioset | DIM+ 110uA                 |
|       |      | 0V                 |       | 10V       | DIM+ /DIM-                 |
| PWM   | PWM  | 9.8V               |       | 10.2V     |                            |
|       | PWM  | 0V                 |       | 0.3V      | DIM+ 110uA                 |
|       | PWM  | 1KHz               |       | 2KHz      | DIM+ /DIM-                 |
|       | PWM  | 0%                 |       | 100%      |                            |
|       |      | 0K                 |       | 100K      |                            |
|       |      | 10%                |       | 100%      | DIM+ 110uA                 |
|       |      | 7%                 | 8%    | 9%        | PWM,                       |
|       |      | 8%                 | 9%    | 10%       | PWM,                       |
| DALI  |      | DALI-2             |       |           |                            |
|       |      |                    |       |           |                            |
|       | 71   | 71,000 hours       |       |           | 80%                        |
|       | MTBF | 198,200 hours      |       |           | 220Vac, 25 (MIL-HDBK-217F) |
|       |      | IP67               |       |           |                            |
|       |      | 90                 |       |           |                            |
|       |      | 8                  |       |           | 71                         |
|       |      | 3750g              |       |           |                            |
|       |      | 282mm*144mm*49.5mm |       |           | x x                        |

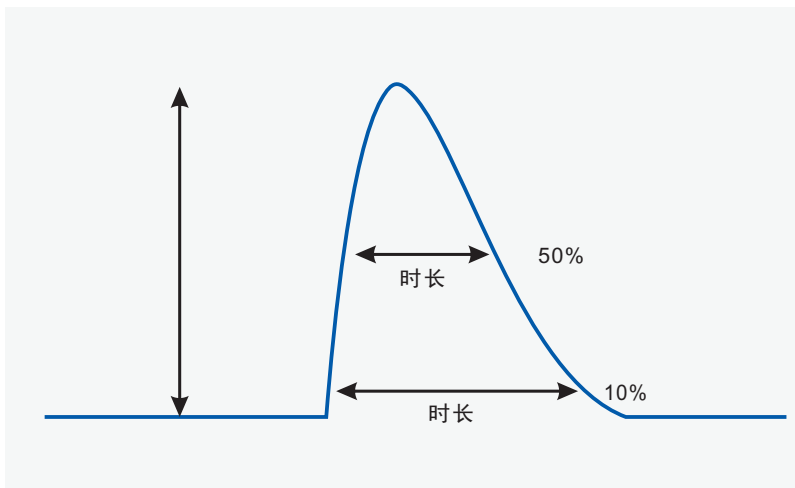
1, 25 LED N,  
 2, 0-100% , :91K /N.



:

|  | UL 绝缘要求 | ENEC绝缘要求 | CCC绝缘要求  |  |
|--|---------|----------|----------|--|
|  | 1600Vac | 3000Vac  | 3750Vac  |  |
|  | 1600Vac | 1500Vac  | 1875Vac  |  |
|  | 1600Vac | 3000Vac  | 3750Vac  |  |
|  | 1600Vac | 1000Vac  | 1000Vac  |  |
|  | 1600Vac | 1000Vac  | 1000Vac  |  |
|  | 500Vac  | 500Vac   | 500Vac   |  |
|  | 10MΩ    |          | 500Vdc   |  |
|  | 0.1Ω    |          | 25A/1min |  |
|  | 0.75mA  |          | 277Vac   |  |

- 1. EMC
- 2. LN NTC
- 3. CCC IEC 60598-1:2014 10.2



| Vin    |      | (@ 10%) | (@ 50%) |
|--------|------|---------|---------|
| 120Vac | 38A  | 1500uS  |         |
| 220Vac | 78A  |         | 720uS   |
| 277Vac | 105A | 1300uS  |         |



SS-720VP

LED

Vs.

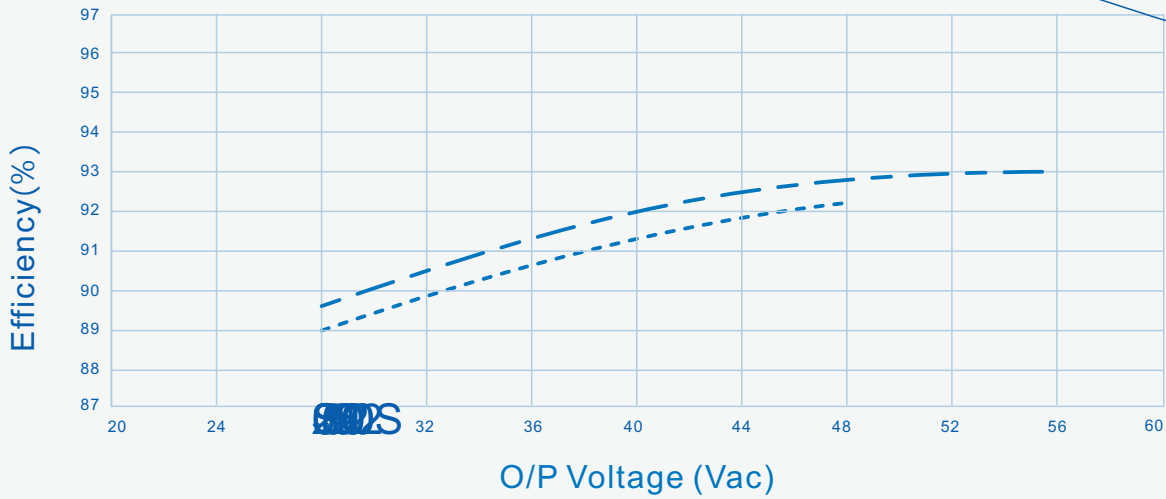
/AOC

Output Voltage

Vs.

(Vin=120Vac)

SS-720VP-56\*



----- Io=15000mA

———— Io=12800mA







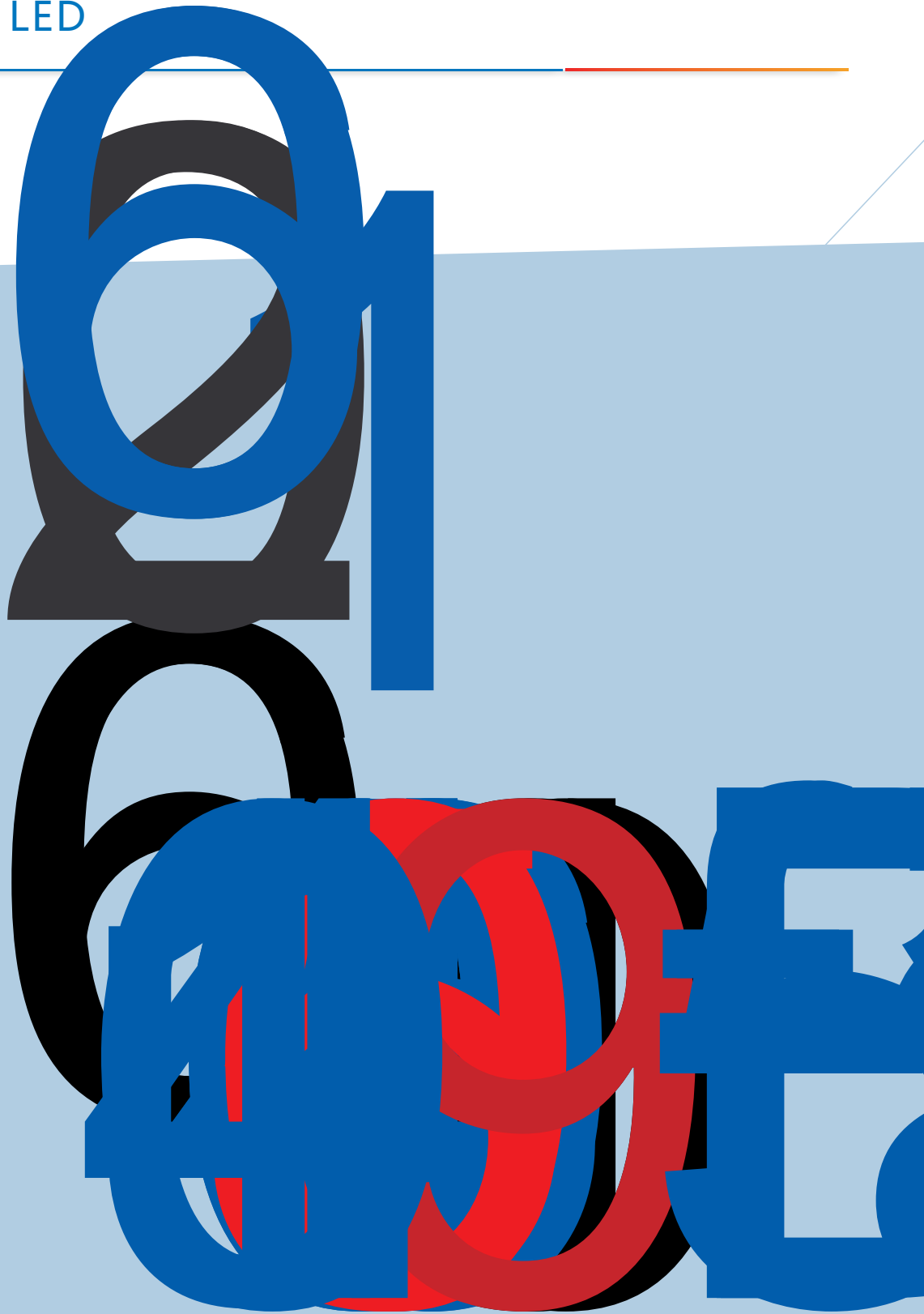
Vs.

SS-720VP

LED

Output power(%)

10  
9  
8  
7  
6  
5  
4  
3  
2







|               |          |                  |      |                  |
|---------------|----------|------------------|------|------------------|
| <b>AC</b>     | (        | <b>450± 10mm</b> |      |                  |
| SJOW          | 3*17AWG, | 8.0mm            | L    | N                |
| SJTW          | 3*16AWG  | 8.5mm            | L    | N                |
| <b>DC</b>     | (        | <b>250± 10mm</b> |      |                  |
| SS-720VP-56*: |          |                  |      |                  |
| SJOW          | 2*14AWG, | 8.8mm            | V+   | V-               |
| SJTW          | 2*14AWG  | 9.0mm            | V+   | V-               |
| <b>DIM</b>    | /        | /                | (    | <b>220± 10mm</b> |
| 21996         | 4*22AWG  | 5.6mm            | DIM+ | DIM- / Vaux+     |
| /             | Vaux-    |                  |      |                  |
|               | (        | <b>300± 10mm</b> |      |                  |
| 21996         | 2*22AWG  | 4.7mm            | NTC+ | / NTC-           |





- mm ) : × × = 446×430×16
- 4
- 3.75kg 16kg

飞机运输，运输中应遮蓬、防晒、文明装卸。

的规定。

验，合格后方可使用。



|     |  |                       |  |
|-----|--|-----------------------|--|
| V00 |  | 2020/08/01            |  |
| V01 |  | 2021/01/04            |  |
| V02 |  | <del>2021/07/02</del> |  |
| V03 |  |                       |  |
|     |  |                       |  |
|     |  |                       |  |

