

## Typical Performance

### FEATURES

- Wide Input voltage range
- Typical Efficiency:85%
- Switching frequency: 200KHz
- Short circuit protection,Self-furbish,input over voltage protection
- Input-output isolate 2000VDC
- Metal case, Low Output Ripple
- Chassis mount
- Silicone filling and sealing, dust proof,moisture proof, high reliability
- Optional heatsink



3-Years Product Warranty

### Technology parameter

Test condition:General Nominal Line,Tc=25℃ , Rated resistant load unless other wispecified

| Input Feature      | Min    | Nom    | Max    | Notes |
|--------------------|--------|--------|--------|-------|
| Input voltage(Vac) | 165VAC | 220VAC | 265VAC |       |

### Output Feature

|                         |  |  |                                                 |            |
|-------------------------|--|--|-------------------------------------------------|------------|
| Voltage accuracy        |  |  |                                                 | ±1.0%      |
| Line regulation         |  |  |                                                 | ±0.2%      |
| Load regulation         |  |  |                                                 | ±0.5%      |
| Over current protection |  |  | 120%~200% ,output will be turn off,self-recover |            |
| Ripple and noise        |  |  |                                                 | 1% of Vout |

### General Feature

|                       |          |  |                  |              |
|-----------------------|----------|--|------------------|--------------|
| Efficiency            |          |  |                  | 85% typical  |
| Operating temperature | Free air |  | Industrial level | -25℃ ~ +55℃  |
| Storage temperature   |          |  |                  | -40℃ ~ +125℃ |
| Relative humidity     |          |  |                  | 10%~90%      |
| case material         |          |  |                  | Metal case   |

|                         |                       |  |                                        |
|-------------------------|-----------------------|--|----------------------------------------|
| Isolation Voltage       | Input-Output          |  | 2000VDC                                |
|                         | Input-Case            |  | 500VDC                                 |
|                         | Output-Case           |  | 500VDC                                 |
| Temperature Coefficient |                       |  | $\leq \pm 0.05\%/^{\circ}\text{C}$     |
| Cooling                 |                       |  | Natural Convection, or<br>add heatsink |
| MTBF                    | 5X10 <sup>5</sup> Hrs |  |                                        |

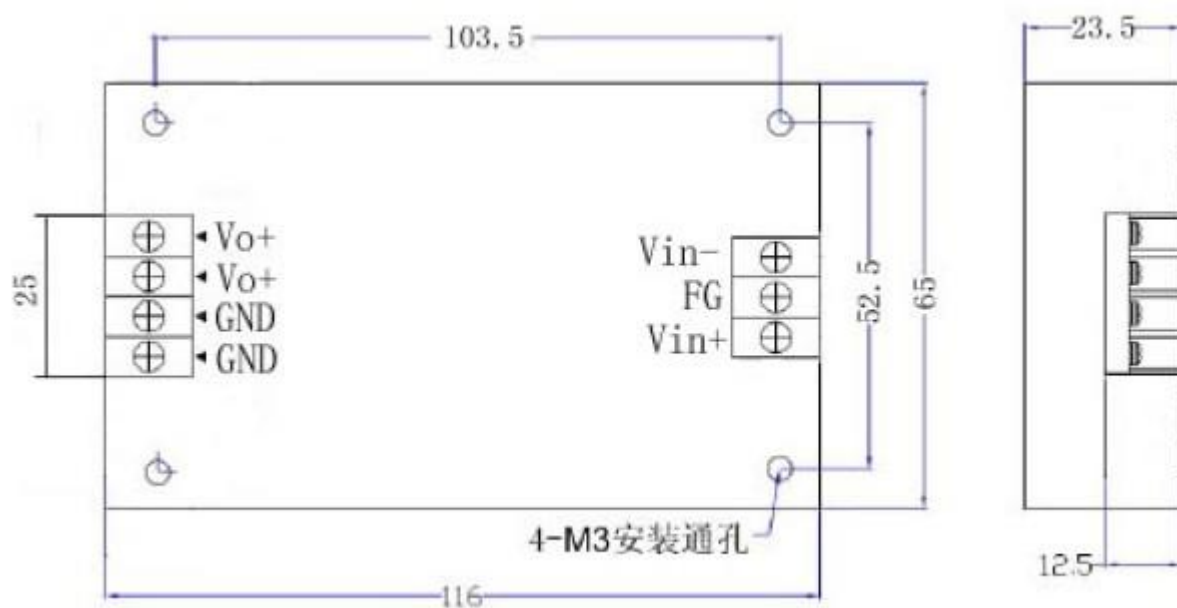
### Product Nomination Method

|         |                                                                                                                                                                                                                                 |   |  |                                                                                       |  |  |  |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|---------------------------------------------------------------------------------------|--|--|--|
| example | <div> <div>L</div> <div>A</div> <div>50</div> <div>E</div> <div>-</div> <div>48</div> <div>S</div> <div>05</div> </div> <div> <div>①</div> <div>②</div> <div>③</div> <div>④</div> <div>⑤</div> <div>⑥</div> <div>⑦</div> </div> |   |  |                                                                                       |  |  |  |
| ①       | Wide input voltage                                                                                                                                                                                                              | ⑥ |  | S=Single route output, D=Dual route output, T=Triple route output, Q=Quadruple output |  |  |  |
| ②       | Power adaptation mode: A (AC-DC)                                                                                                                                                                                                | ⑦ |  |                                                                                       |  |  |  |
| ③       | Output power(W)                                                                                                                                                                                                                 |   |  |                                                                                       |  |  |  |
| ④       | Vehicle power supply                                                                                                                                                                                                            |   |  | output voltage                                                                        |  |  |  |
| ⑤       | Normal input voltage                                                                                                                                                                                                            |   |  |                                                                                       |  |  |  |

### Product Program

| PART #       | Input voltage range            | Output voltage / current |         |     |    |     |    |
|--------------|--------------------------------|--------------------------|---------|-----|----|-----|----|
|              |                                | VO1                      |         | VO2 |    | VO3 |    |
|              |                                | V                        | mA      | V   | mA | V   | mA |
| LA75E-220S05 | 220V(165~265VAC)<br>200~380VDC | 5V                       | 15000mA |     |    |     |    |
| LA75E-220S12 |                                | 12V                      | 6250mA  |     |    |     |    |
| LA75E-220S15 |                                | 15V                      | 5000mA  |     |    |     |    |
| LA75E-220S24 |                                | 24V                      | 3100mA  |     |    |     |    |
| LA75E-220S28 |                                | 28V                      | 2680mA  |     |    |     |    |
| LA75E-220S48 |                                | 48V                      | 1560mA  |     |    |     |    |

### Mechanical Dimension



BOTTON VIEW

#### Mechanical Data

| WATT | L x W x H     | Packing No. |
|------|---------------|-------------|
| 75W  | 116*65*23.5mm | E           |

\*Note: The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item.