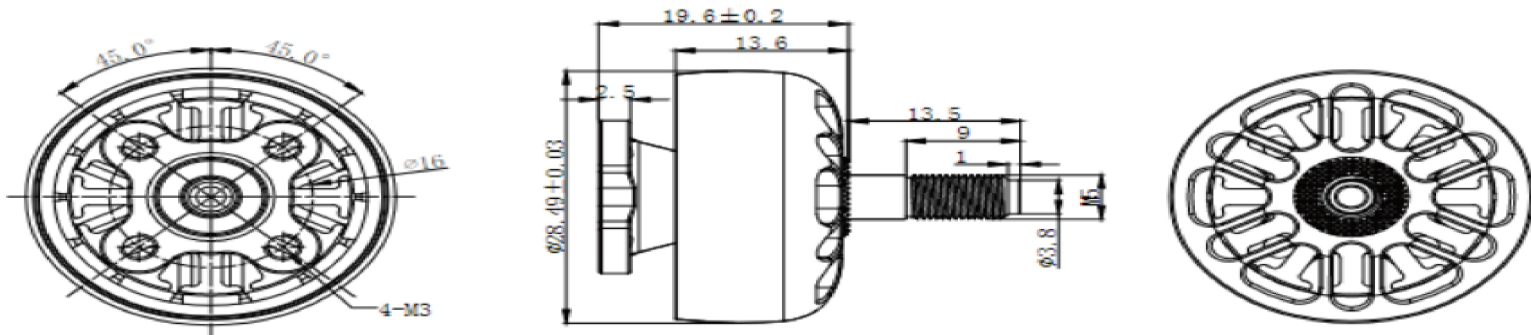


# XING-E Pro 2207 2450KV

|                         |                                           |
|-------------------------|-------------------------------------------|
| KV                      | 2450kv                                    |
| Weight (included wire)  | 33.8g                                     |
| Dimension               | φ28.5*33.1mm                              |
| Interphase resistance   | 46.8mΩ                                    |
| Input Volts             | 16V                                       |
| Peak Current            | 42.63A                                    |
| Max Watt                | 682.1W                                    |
| Mounting Holes          | 16*16-φ3mm                                |
| Rotor specifications    | Unibell                                   |
| Shaft Diameter          | 5mm                                       |
| Shaft Protruding Length | 13.5mm                                    |
| Lead                    | 160mm/20AWG                               |
| Magnet                  | N52H Curved                               |
| Configuration           | 12N14P                                    |
| Bearing type            | NSK                                       |
| Bearing specs           | φ9xφ4x4                                   |
| Winding                 | Single Strand Copper Winding              |
| Package included        | M3*7mm screw (4PCS) / M5 Flange Nut (1PC) |



## Datasheet

| Type                   | Prop (inch) | Throttle (%) | Voltages (V) | Load Current (A) | Pull (g) | Power (W) | Efficiency (g/W) | Temperature |
|------------------------|-------------|--------------|--------------|------------------|----------|-----------|------------------|-------------|
| XING-E Pro 2207 2450KV | 5050        | 50%          | 16           | 7.93             | 495      | 126.9     | 3.901            | 60°C        |
|                        |             | 60%          | 16           | 12.33            | 655      | 197.3     | 3.320            |             |
|                        |             | 70%          | 16           | 17.08            | 821      | 273.3     | 3.004            |             |
|                        |             | 80%          | 16           | 24.22            | 1036     | 387.5     | 2.673            |             |
|                        |             | 90%          | 16           | 31.48            | 1223     | 503.7     | 2.428            |             |
|                        |             | 100%         | 16           | 39.56            | 1498     | 633.0     | 2.367            |             |
|                        | 5.1x3.1x3   | 50%          | 16           | 7.33             | 483      | 117.3     | 4.118            | 57°C        |
|                        |             | 60%          | 16           | 10.93            | 622      | 174.9     | 3.557            |             |
|                        |             | 70%          | 16           | 15.35            | 799      | 245.6     | 3.253            |             |
|                        |             | 80%          | 16           | 21.35            | 1051     | 341.6     | 3.077            |             |
|                        |             | 90%          | 16           | 27.75            | 1189     | 444.0     | 2.678            |             |
|                        |             | 100%         | 16           | 36.68            | 1391     | 570.9     | 2.437            |             |
|                        | 5045        | 50%          | 16           | 6.8              | 476      | 108.8     | 4.375            | 55°C        |
|                        |             | 60%          | 16           | 10.27            | 636      | 164.3     | 3.870            |             |
|                        |             | 70%          | 16           | 14.47            | 792      | 231.5     | 3.421            |             |
|                        |             | 80%          | 16           | 19.55            | 1008     | 312.8     | 3.223            |             |
|                        |             | 90%          | 16           | 25.22            | 1207     | 403.5     | 2.991            |             |
|                        |             | 100%         | 16           | 32.02            | 1465     | 512.3     | 2.860            |             |
|                        | 5043        | 50%          | 16           | 7.67             | 457      | 122.7     | 3.724            | 58°C        |
|                        |             | 60%          | 16           | 10.93            | 619      | 174.9     | 3.540            |             |
|                        |             | 70%          | 16           | 15.28            | 765      | 244.5     | 3.129            |             |
|                        |             | 80%          | 16           | 21.35            | 982      | 341.6     | 2.875            |             |
|                        |             | 90%          | 16           | 27.68            | 1195     | 442.9     | 2.698            |             |
|                        |             | 100%         | 16           | 35.48            | 1398     | 567.7     | 2.463            |             |
|                        | 6045        | 50%          | 16           | 9.33             | 648      | 149.3     | 4.341            | 63°C        |
|                        |             | 60%          | 16           | 13.87            | 798      | 221.9     | 3.596            |             |
|                        |             | 70%          | 16           | 19.42            | 1042     | 310.7     | 3.354            |             |
|                        |             | 80%          | 16           | 26.08            | 1315     | 417.3     | 3.151            |             |
|                        |             | 90%          | 16           | 34.15            | 1496     | 546.4     | 2.738            |             |
|                        |             | 100%         | 16           | 42.63            | 1679     | 682.1     | 2.462            |             |