## SI20 Technical Specification

| Solar pump drive power (KW) | Pump motor | | Max solar power input (KW) | Max DC input voltage(V) | Recommend MPPT voltage (V) | Rated output current(A) | Output frequency (Hz) |
|---|---|---|---|---|---|---|---|
| | Rated motor (KW) | Rated voltage(V) | | | | | |
| SI20-D0 series, DC30-300VDC input, 3phase 90-230VAC output | | | | | | | |
| 1.5 | 1.5 | 110 | 1.95 | 300 | 30-300 | 10 | 0-320 |
| SI20-D1 series, DC90-400VDC input, 3 phase 110-230VAC output | | | | | | | |
| 0.75 | 0.75 | 110 | 1.0 | 400 | 100-350 | 7 | 0-320 |
| 1.5 | 1.5 | 110 | 1.95 | 400 | 100-350 | 10 | 0-320 |
| SI20-D3 series,DC150V-450V input, 3 phase 150-230VAC output | | | | | | | |
| 0.75 | 0.75 | 220 | 1.0 | 400 | 220-400 | 4 | 0-320 |
| 1.5 | 1.5 | 220 | 1.95 | 400 | 220-400 | 7 | 0-320 |
| 2.2 | 2.2 | 220 | 2.86 | 400 | 220-400 | 10 | 0-320 |
| 4.0 | 4.0 | 220 | 4.81 | 400 | 220-400 | 16 | 0-320 |
| SI20-D5 series,DC250V to 780VDC input, 3 phase 230-460VAC output | | | | | | | |
| 0.75 | 0.75 | 380 | 1.0 | 780 | 480-560 | 2.3 | 0-320 |
| 1.5 | 1.5 | 380 | 2.2 | 780 | 480-560 | 3.7 | 0-320 |
| 2.2 | 2.2 | 380 | 3.3 | 780 | 480-560 | 5.0 | 0-320 |
| 4.0 | 4.0 | 380 | 5 | 780 | 480-560 | 10 | 0-320 |
| 5.5 | 5.5 | 380 | 8 | 780 | 480-560 | 13 | 0-320 |
| 7.5 | 7.5 | 380 | 10 | 780 | 480-560 | 17 | 0-320 |
| 11 | 11 | 380 | 14.3 | 780 | 480-560 | 25 | 0-320 |
| 15 | 15 | 380 | 19.5 | 780 | 480-560 | 32 | 0-320 |
| 18.5 | 18.5 | 380 | 23.4 | 780 | 480-560 | 38 | 0-320 |
| 22 | 22 | 380 | 28.6 | 780 | 480-560 | 45 | 0-320 |
| 30 | 30 | 380 | 39 | 780 | 480-560 | 60 | 0-320 |
| SI20-T3 series,DC350V to 780VDC input, 3 phase 230-460VAC output | | | | | | | |
| 37 | 37 | 380 | 48. 1 | 780 | 480-560 | 75 | 0-320 |
| 45 | 45 | 380 | 58. 5 | 780 | 480-560 | 90 | 0-320 |
| 55 | 55 | 380 | 71. 5 | 780 | 480-560 | 110 | 0-320 |
| 75 | 75 | 380 | 97. 5 | 780 | 480-560 | 150 | 0-320 |
| 93 | 93 | 380 | 120. 9 | 780 | 480-560 | 180 | 0-320 |
| 110 | 110 | 380 | 143 | 780 | 480-560 | 210 | 0-320 |
| 132 | 132 | 380 | 171. 6 | 780 | 480-560 | 250 | 0-320 |
| 160 | 160 | 380 | 208 | 780 | 480-560 | 310 | 0-320 |
| 185 | 185 | 380 | 240. 5 | 780 | 480-560 | 340 | 0-320 |
| 200 | 200 | 380 | 260 | 780 | 480-560 | 380 | 0-320 |