

## Specification sheet

| <b>Model</b>       |                                  | CS500                        |
|--------------------|----------------------------------|------------------------------|
| <b>DC Input</b>    | Maximum input power (kW)         | 550                          |
|                    | Maximum open circuit voltage (V) | 900                          |
|                    | Maximum current input(A)         | 1200                         |
|                    | MPPT range(V)                    | 420~810                      |
| <b>AC output</b>   | Rating output power (kW)         | 500                          |
|                    | Maximum output power (kW)        | 540                          |
|                    | Working voltage range (V±%)      | 300±10%                      |
|                    | Maximum efficiency (%)           | 98.2%                        |
|                    | Power factor                     | ≥0.99                        |
|                    | THD rate (%)                     | ≤2.85%                       |
|                    | Power consumption at Night (W)   | <60                          |
|                    | Normal grid frequency (Hz)       | 50±0.5                       |
| <b>Mechanicals</b> | Size( Width*Height*Depth) (mm)   | 2000*2200*600                |
|                    | Weight (Kg)                      | 1210                         |
|                    | Noise (dB)                       | <65dB                        |
|                    | Protection grade                 | IP20                         |
|                    | Cooling method                   | Air cooling                  |
| <b>Generals</b>    | Environment temperature          | -25℃~45℃                     |
|                    | Environment humidity             | <95%                         |
|                    | Local communication interface    | Profibus-DP                  |
|                    | Remote communication interface   | Ethernet, RS232, Profibus-DP |
|                    | User interface                   | LCD touch screen             |