

# Sonesse® Ultra 50 AC RS485 Motor

Model No. 506A2



## Technical Features

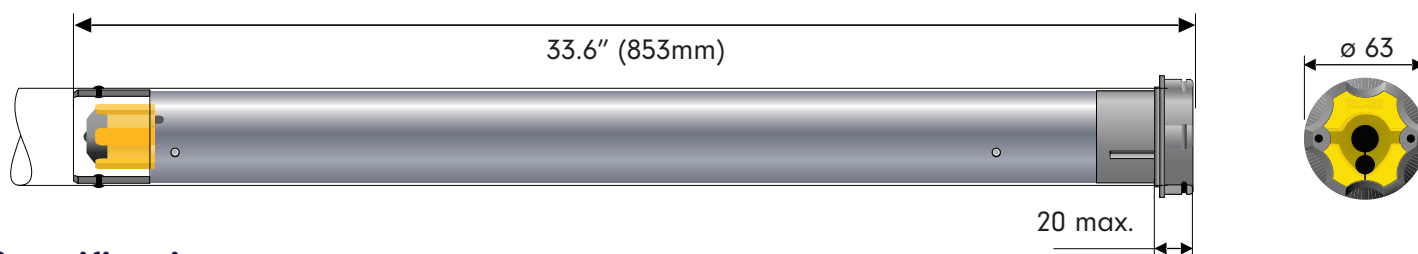
<b>Voltage Supply</b>	120V AC, 60Hz
<b>Index Protection Rating</b>	IP 31 (interior use)
<b>Limit Switch Type</b>	Digital
<b>Limit Switch Capacity</b>	300 Turns
<b>Temperature Working Range</b>	0°C to 60°C / 32°F to 140°F (interior use only)
<b>Insulation Class</b>	Class 1 for 120V AC

**Wiring** Parallel wiring allowed in accordance with NEC and local electrical codes. Optional NEMA cables available: 3ft, 6ft, 12ft, 18ft, 24ft

**Communication:** Intelligent motors that are controlled and monitored via Somfy Digital Network solutions and animeo® IP total solar management system.



## Dimensions

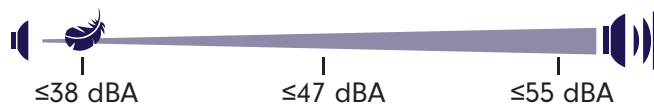


## Specifications

<b>Torque</b>	6 Nm
<b>Minimum Torque*</b>	0.4 Nm
<b>Nominal Voltage</b>	120V AC / 60Hz
<b>Rated Current</b>	0.95A
<b>Speed</b>	24 rpm
<b>Thermal Protection</b>	4 minutes
<b>Sound Level**</b>	38 dBA
<b>Comunnication</b>	RS485

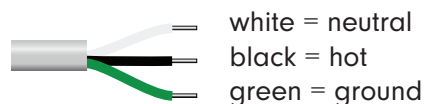
**\*Minimum Torque:** Minimum application weight to ensure smooth operation.

**\*\*Sound Level:** According to standards ISO 3741 NF 31022 in dBA ref 1pW at nominal torque without end product.



## Power & Data Cables

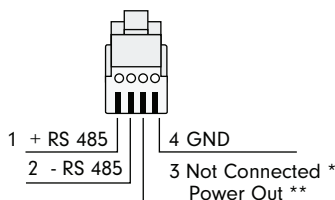
### 120V AC / 60Hz 3 conductor cable



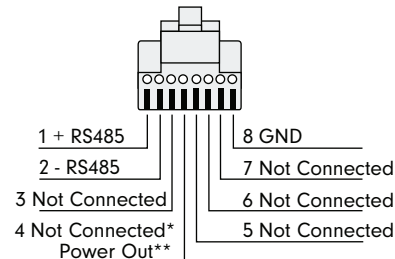
Optional NEMA cables available in: 3ft, 6ft, 12ft, 18ft, 24ft lengths



### RJ9 connects to motor



### RJ45 connects to network



\*Data cable (black) for SDN / animeo IP networks  
 \*\*Data cable (grey) with power out for external modules  
 Available in: 2.5ft, 8ft, 12ft, 24ft, lengths