

Reference Chart

The longevity estimates provided are mean values calculated for the parameters given. The actual longevity achieved for any device while implanted will depend on the actual programmed parameters and patient factors, and may differ significantly from these estimates.

| Model Number | Family | Connector Style | Volume/ Mass* | Delivered Energy | Estimated Longevity | | | | | Elective Replacement (ERI)*** | | End of Life (EOL) Battery Voltage |
|--------------|-------------------|-----------------|------------------|------------------|----------------------|--------------|-------------|-------------|--------------|-------------------------------|-------------------------|-----------------------------------|
| | | | | | Charging Frequency** | 100% Pacing# | 50% Pacing# | 15% Pacing# | 100% Sensing | Battery Voltage | Charge Time | |
| 7272 | InSync ICD | DR+LV | 66 cc 117 g | 34 J | Monthly | 5.4 | 6.3 | 7.3 | 7.8 | ≤ 4.91 V | — | ≤ 4.57 V |
| | | | | | Quarterly | 6.5 | 8.0 | 9.4 | 10.3 | | | |
| | | | | | Semiannual | 6.9 | 8.5 | 10.3 | 11.2 | | | |
| 7277 | InSync Marquis | DR+LV split | 38 cc 77 g | 30 J | Monthly | 3.7 | 4.3 | 4.7 | 4.9 | ≤ 2.62 V | > 16 second charge time | 3 months after ERI |
| | | | | | Quarterly | 5.0 | 6.0 | 7.0 | 7.5 | | | |
| | | | | | Semiannual | 5.5 | 6.7 | 8.0 | 8.6 | | | |
| 7289 | InSync II Marquis | DR+LV true | 38 cc 76 g | 30 J | Monthly | 3.3 | 3.6 | 4.0 | 4.2 | ≤ 2.62 V | > 16 second charge time | 3 months after ERI |
| | | | | | Quarterly | 4.2 | 4.9 | 5.5 | 5.8 | | | |
| | | | | | Semiannual | 4.5 | 5.4 | 6.1 | 6.6 | | | |
| 7295 | InSync II Protect | DR+LV true | 38 cc 77 g | 30 J | Monthly | 3.3 | 3.7 | 4.0 | 4.2 | ≤ 2.62 V | > 16 second charge time | 3 months after ERI |
| | | | | | Quarterly | 4.2 | 4.9 | 5.5 | 5.9 | | | |
| | | | | | Semiannual | 4.5 | 5.4 | 6.2 | 6.6 | | | |
| 7297 | InSync Sentry | DR+LV true | 40 cc 78 g | 35 J | Monthly | 3.3 | 3.7 | 4.1 | 4.3 | ≤ 2.62 V | > 16 second charge time | 3 months after ERI |
| | | | | | Quarterly | 4.5 | 5.3 | 6.2 | 6.6 | | | |
| | | | | | Semiannual | 5.0 | 6.0 | 7.1 | 7.7 | | | |
| 7299 | InSync Sentry | DR+LV true | 40 cc 78 g | 35 J | Monthly | 3.3 | 3.7 | 4.1 | 4.3 | ≤ 2.62 V | > 16 second charge time | 3 months after ERI |
| | | | | | Quarterly | 4.5 | 5.3 | 6.2 | 6.6 | | | |
| | | | | | Semiannual | 5.0 | 6.0 | 7.1 | 7.7 | | | |
| 7303 | InSync Maximo | DR+LV true | 40 cc 78 g | 35 J | Monthly | 3.3 | 3.7 | 4.1 | 4.3 | ≤ 2.62 V | > 16 second charge time | 3 months after ERI |
| | | | | | Quarterly | 4.5 | 5.3 | 6.2 | 6.6 | | | |
| | | | | | Semiannual | 5.0 | 6.0 | 7.1 | 7.7 | | | |
| 7304 | InSync Maximo | DR+LV true | 40 cc 78 g | 35 J | Monthly | 3.3 | 3.7 | 4.1 | 4.3 | ≤ 2.62 V | > 16 second charge time | 3 months after ERI |
| | | | | | Quarterly | 4.5 | 5.3 | 6.2 | 6.6 | | | |
| | | | | | Semiannual | 5.0 | 6.0 | 7.1 | 7.7 | | | |

| Family | Model Number | Amplitude Setting | Estimated Longevity | | Elective Replacement Time Indicators |
|------------|--------------|---------------------------|---------------------|-------------|--------------------------------------|
| | | | 500 Lead Ω | 1000 Lead Ω | |
| InSync | 8040 | Low 2.5 V (A, RV) | 11.9 | 13.7 | ** |
| | | Nominal 3.5 V (A, RV) | 8.9 | 11.4 | |
| | | High 5.0 V (A, RV) | 6.6 | 9.1 | |
| InSync III | 8042 | Low 2.5 V (A, RV, LV) | 8.3 | 9.9 | ** |
| | | Nominal 3.5 V (A, RV, LV) | 5.9 | 7.8 | |
| | | High 5.0 V (A, RV, LV) | 4.1 | 6.0 | |

| Model Number | Family | Connector Style | Volume/ Mass* | Delivered Energy | Estimated Longevity | | | | | Recommended Replacement (RRT)*** | | End of Service (EOS) |
|---------------------------------|-----------|-----------------|------------------|------------------|----------------------|--------------|-------------|-------------|--------------|----------------------------------|-------------|--|
| | | | | | Charging Frequency** | 100% Pacing# | 50% Pacing# | 15% Pacing# | 100% Sensing | Battery Voltage | Charge Time | |
| C154DWK, C164AWK, C174AWK | Concerto | DR+LV true | 38 cm 68 g | 35 J | Monthly | 3.8 | 4.3 | 4.8 | 5.0 | ≤ 2.62 V | — | 3 month after RRT or > 16-second charge time |
| | | | | | Quarterly | 5.5 | 6.8 | 8.0 | 8.8 | | | |
| | | | | | Semiannual | 6.3 | 8.0 | 9.8 | 11.0 | | | |
| D224TRK | Consulta | DR+LV true | 38 cc/ 68 g | 35 J | Monthly | 3.2 | 3.8 | 4.4 | 4.7 | ≤ 2.63 V | — | 3 month after RRT or > 16-second charge time |
| | | | | | Quarterly | 4.4 | 5.5 | 6.8 | 7.5 | | | |
| | | | | | Semiannual | 4.8 | 6.2 | 7.9 | 9.0 | | | |
| D284TRK | Maximo II | DR+LV true | 38 cc/ 68 g | 35 J | Monthly | 3.2 | 3.8 | 4.4 | 4.7 | ≤ 2.63 V | — | 3 month after RRT or > 16-second charge time |
| | | | | | Quarterly | 4.4 | 5.5 | 6.8 | 7.5 | | | |
| | | | | | Semiannual | 4.8 | 6.2 | 7.9 | 9.0 | | | |

* Volume and mass differ by connector style.

** A full charge is a full energy therapeutic shock or capacitor reformation.

*** The minimum time between ERI and EOL (or RRT and EOS) is 3 months (100% pacing, two charges per month).

‡ Pacing mode is DDD for CRT models. Parameter settings; lower rate at 60 ppm, sensing rate at 70 bpm, (A, RV, LV) 3.0 V amplitude, 0.4 ms pulse width, and 510-ohm pace load per applicable channel. CRT models with shared biventricular pacing; InSync Marquis 7277 (LV impedance set to 510 ohms), InSync ICD 7272 (RV amplitude set to 4.0 V).