

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	
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 cc 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).