

NBG code VVIR/AAIR

Modes VVIR; VVI; AAI(R); V00(R); A00(R); VVT(R); AAT(R); off

Basic rate6) 30...(1)...60...(1)...88...(2)...122...(3)...140...(5)...180 ppm

Night rate off; on (30...[1]...60...[1]...88...[2]...122...[3]...140...[5]...180 ppm)

Rate hysteresis off; -5...(5)...-80 ppm

Repetitive hysteresis off; 1...(1)...10

Scan hysteresis off; 1...(1)...10

Sensitivity 1) atrial modes 0.4...(0.4)...2.0...(0.4)...6.0 mV

ventricular modes 0.5...(0.5)...2.5...(0.5)...7.5 mV

Pulse amplitude 0.1...(0.1)...3.6...(0.1)...4.8...(0.2)...8.4 V

Pulse width 0.1; 0.2; 0.3; 0.4; 0.5; 0.75; 1.0; 1.5 ms

Active capture control (ACC) off; on; ATM

Minimum amplitude 0.1...(0.1)... 4.8 V

Maximum amplitude 2.4; 3.6; 4.8; 6.4 V

Safety margin 0.3...(0.1)...1.2 V

Scan time interval (0.1; 0.3; 1, 3, 6, 24 h) or time of day (1st and 2nd time of day)

Upper rate limit 4) 100; 110; 120; 130; 140; 160; 185 ppm

Refractory period 170; 195; 220; 250; 300; 350; 400 ms

Lead IS-1 connector

Automatic lead check off; on

Lead configuration unipolar; bipolar (automatic)

Auto-initialization off, lead detection, on

Sensor accelerometer

Sensor gain auto, 1... 4...40, programmable in 32 increments

Sensor threshold very low; low; medium; high; very high

Rate increase 1; 2; 4; 8 ppm/cycle

Rate decrease 0.1; 0.2; 0.5; 1.0 ppm/cycle

Max. activity rate 80...(5)...120...(5)...180 ppm

Rate fading (rate smoothing) off; on

RF rate increase 1; 2; 4; 8 ppm/cycle

RF rate decrease 0.1; 0.2; 0.5; 1.0 ppm/cycle

IEGM recording 15 recordings, max. 10 seconds each , 5 triggers

Magnet rate automatic (10 cycles with 90 ppm asynchronous, then basic rate synchronous); asynchronous; synchronous

Replacement indication programmed rate minus 11%

Battery2) 1.3Ah; Li/I

Nominal operating time3) 10 years (at 3.6 V; 0.4 ms; 60 ppm; 100 % pacing)

X-ray recognition ET

Dimensions/weight 51 x 39 x 6 mm/24 g

All data at 37°C, 500 Ohm

1) Atrium 15 ms sin2, ventricle 40 ms sin2

2) Nominal data of the battery manufacturer

3) Calculated with the formula  $T = 2740 \times CBatt. / (IBOS + IERI)$

4) Only available for triggered modes

5) Availability depends on the programming software used

6) 30–34 ppm only temporarily programmable

## Safe and Energy saving: Active Capture Control ACC

Active Capture Control periodically measures the ventricular threshold.

The PetPacer-R quickly adapts the pacing amplitude to the needs of the animal patient and continuously monitors pacing success. In the case of Ineffective pacing, a backup impulse ensures patient safety.

The possibility to program a low ventricular pacing amplitude permits to save the pacemaker's energy reserves.

technical data

# PetPacer-R

## VVIR/AAIR Pacemaker



Automatic functions	Active Capture Control (ACC) auto-initialization lead check guided follow-up ventricular threshold test remaining service life calculation
Rate management	rate fading (rate smoothing) IEGM recording AV hysteresis night rate
Diagnostic data	memory for follow-up data in pacemaker high-resolution impedance trend ventricular threshold trend ventricular pacing amplitude histogram P/R wave trend

Please call (866) 744-3427 for more information or contact us at [www.dextronix.com](http://www.dextronix.com)

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