# ... MassMutual Ascend

# AssuranceSelect 7 Plus

### OVERVIEW

ISSUE AGES	0-85 (qualified); 0-85 (non-qualified); 0-75 (inherited IRA); 0-75 (inherited non-qualified)								
	Issue age is the owner's age at las will be used as the issue age. If the eldest annuitant will be treated at this contract.	e owr	er is a	non-	natur	al per	son, t	he ag	ge of the
PURCHASE PAYMENTS	This product accepts purchase payments during the first ten contract years. Terms begin only on the $6^{\text{th}}$ and $20^{\text{th}}$ of each month. Purchase payments received prior to the beginning of a term will be held in the purchase payment account until the beginning of the next term. Additional purchase payments have their own crediting terms.								
	Minimum: Initial purchase payment: \$10,000; additional purchase payments: \$2,000								
	Maximum: \$1 million for ages 0-8 Maximums apply to the total pure MassMutual Ascend with the sam	chase							rom
TAX QUALIFICATIONS	Non-qualified and qualified: 403(b) (traditional and Roth), IRA (traditional, Roth, SEP, SIMPLE and inherited), 457(b) and inherited non-qualified								
EARLY WITHDRAWAL CHARGE	An early withdrawal charge is app	olied t	o full	surre	nders	and v	vithdr	awal	S.
	CONTRACT YEAR	1	2	3	4	5	6	7	8+
	EARLY WITHDRAWAL CHARGE	8%	8%	7%	6%	5%	4%	3%	0%
MARKET VALUE ADJUSTMENT (MVA)	During the first seven contract ye apply if the contract is surrendere allowance is taken.	ears, a	mark	et val	ue ad	justm	ent (c	or MV	/A) will
<b>ADJUSTMENT</b>	During the first seven contract ye apply if the contract is surrendered	ears, a ed or licable be no the a ect to e 109	mark a with act val e strate gativ djustn o the a 6 free	ues bategy a e and nent r djusti	ased consposed assed consposed assed consposed assed as a section as	justmove the on how ation of decrease position is the	ent (ce free w mar date. I ase co	er MV with ket ir f inte ontracend ma	/A) will drawal nterest erest rates ct values. ay increase the
<b>ADJUSTMENT</b>	During the first seven contract ye apply if the contract is surrendere allowance is taken.  An MVA is an adjustment to the crates have changed since the applhave gone up, the adjustment will If interest rates have gone down, contract values. The amount subjaccount value withdrawn after the	ears, a ed or licable be no the a ect to e 109 MVA	mark a with e strategatived djustnothe a 6 free factor	ues bategy a e and nent r djust	ue ad al abc ased c pplica may c may b ment drawa	justmove the position of the creation of the c	ent (ce free w mar date. I ase co tive a portion	ket ir f inte ontrac nd ma on of	/A) will drawal nterest erest rates ct values. ay increase the

equal to two times that charge.

### GUARANTEED MINIMUM SURRENDER VALUE (GMSV)

The GMSV equals 87.5% of purchase payments minus all prior withdrawals (not including early withdrawal charges or negative market value adjustments) plus interest credited daily at the GMSV rate. The GMSV will not be less than the minimum values required by the NAIC standard nonforfeiture law for individual deferred annuities, model #805 and the GMSV rate will not be less than the minimum rate required by each state.

### FREE WITHDRAWAL ALLOWANCE

During the first contract year, 10% of purchase payments may be withdrawn without an early withdrawal charge. After the first contract year, 10% of the sum of the account value as of the most recent contract anniversary and all purchase payments received since the most recent contract anniversary may be withdrawn without an early withdrawal charge.

#### WITHDRAWALS

Withdrawals are allowed any time prior to the income start date. All withdrawals are subject to IRS regulations and early withdrawal charges. Withdrawals will be taken first from amounts applied to the purchase payment account, then from the declared rate strategy, then from the other indexed strategy(ies) with the shortest term. If there are multiple indexed strategies that meet that criterion, withdrawals will be taken proportionally from all indexed strategies with the shortest term.

Minimum withdrawal: \$500;

Minimum account value following withdrawal: \$5,000

# TERMINAL ILLNESS WAIVER RIDER

Provided that the diagnosis is rendered more than one year after the contract effective date, up to 100% of the account value can be withdrawn without deduction of an early withdrawal charge if the owner or joint owner is diagnosed by a physician as having a terminal illness with a prognosis of 12 months or less.

This waiver may be used only once. Not available in Massachusetts.

# EXTENDED CARE WAIVER RIDER

To help ease the strain of certain unforeseen events, an extended care waiver is available for no additional charge. If the owner is confined to a nursing home or other long-term care facility after the completion of the first contract year for at least 90 consecutive days, early withdrawal charges may be waived on withdrawals up to a full surrender.

Not available in Massachusetts. In California, the Extended Care Waiver Rider has been replaced with the Waiver of Early Withdrawal Charges for Facility Care or Home Care or Community-Based Services Rider, which provides for a waiver of early withdrawal charges under an expanded variety of circumstances.

### INTEREST STRATEGIES

Upon issue, the owner selects from two types of interest strategies: a **declared rate strategy** and an **indexed strategy**. At the end of each term, the owner has the opportunity to transfer funds among the available interest strategies. To transfer funds, the owner must submit changes at least one day before the new term begins. Unless the owner transfers funds at the end of a term, funds are automatically applied to the same strategy for the next term. Funds held in the S&P 500 7-year cap lock strategy are automatically applied to the S&P 500® 1-year strategy, unless the owner elects otherwise. Funds held in the First Trust Barclays Edge 1-year with 7-year cap lock strategy at the end of the seventh one-year term are automatically applied to the First Trust Barclays Edge 1-year point to point with cap strategy unless the owner elects otherwise. Available strategies are subject to change at any time for new sales.

#### **TERM**

- A term refers to the time period during which funds are held in an indexed strategy. Indexed strategies available on this product offer either one-year or seven-year terms. Clients may reallocate funds at the end of each one-year or seven-year term.
- The S&P 500 7-Year Cap Lock Annual Point-to-Point strategy has a seven-year term. The cap is locked in for the entire seven-year term. This strategy may only be selected during the first contract year.
- All other strategies have one-year terms.
- The First Trust Barclays Edge 1-Year Point-to-Point with 7-Year Cap Lock strategy has seven one-year terms. The cap is locked in for all seven one-year terms. This strategy may only be selected during the first contract year.
- Interest is credited annually on the last day of each term year on all indexed strategies.

### **INTEREST RATES**

**Purchase payment account interest rate:** Interest is credited daily on amounts held in this account based on an applicable interest rate. This interest rate is guaranteed to be at least equal to the guaranteed minimum interest rate set out in the contract.

**Declared interest rate:** Interest is credited daily on amounts held under a declared rate strategy based on the applicable declared interest rate. The current declared interest rate will not change during the strategy's term and is guaranteed to never be below the guaranteed minimum declared rate for any subsequent terms. Current declared interest rates and guaranteed minimum declared rates may vary by state; please refer to the current interest rate chart.

**Indexed interest rate:** Indexed strategies linked to the S&P 500® (SPX), S&P 500 Risk Control 10% Index (SPXAV10P), S&P U.S. Retiree Spending Index (SPRETIRE), iShares U.S. Real Estate ETF (IYR) and the SPDR® Gold Shares (SPDR) provide returns based, in part, on the change in the price of the applicable Index or ETF. The price does not include dividends that might be paid on the underlying investments of the Index or ETF.

Indexed strategies linked to the First Trust Barclays Edge Index (FTEDGE7) provide returns based, in part, on the change in the price of the Index. The price change includes dividends that might be paid on components of the Index.

#### Indexed strategies include:

- S&P 500<sup>®</sup> 1-year point-to-point with cap
- S&P 500<sup>®</sup> 7-year cap lock annual point-to-point
- S&P 500 Risk Control 1-year point-to-point with participation rate
- S&P U.S. Retiree Spending 1-year point-to-point with participation rate
- iShares U.S. Real Estate 1-year point-to-point with cap
- SPDR® Gold Shares 1-year point-to-point with cap
- First Trust Barclays Edge 1-year point-to-point with cap
- First Trust Barclays Edge 1-year point-to-point with 7-year cap lock

**Point-to-point indexed strategy:** The indexed interest rate for a term year is determined by comparing the index value on the last day of that term year to the value on the first day of that term year. The indexed interest rate for that term year equals the index change, up to the cap or multiplied by the participation rate. The indexed interest rate will never be less than 0%.

Available strategies may vary by state and by distribution.

ACCOUNT VALUE	The account value equals the sum of the following values: <b>Purchase payment account value:</b> The purchase payment account value equals the purchase payments received, less amounts applied to an interest strategy, less withdrawals and applicable early withdrawal charges, plus or minus applicable MVAs, plus interest credited, and less any applicable premium tax or other applicable tax.				
	<b>Declared rate strategy value:</b> A declared rate strategy value equals the amount applied to the declared rate strategy, less withdrawals and applicable early withdrawal charges, plus or minus applicable MVAs and plus interest credited at the declared interest rate.				
	<b>Interest strategy value:</b> An interest strategy value equals the amount applied to that strategy, less withdrawals and applicable early withdrawal charges, plus or minus applicable MVAs, and plus indexed interest credited.				
SURRENDER VALUE	The surrender value equals the greater of the the account value, adjusted for any market value adjustment that would apply on a surrender, reduced by charges not previously deducted, and minus the early withdrawal charge that would apply on a surrender; or the GMSV.				
PAYOUT OPTIONS	The following options are available: fixed period payout, life payout, life payout with payments for at least a fixed period, or joint and one-half survivor payout.				
OWNERSHIP	Owner and annuitant must be the same on qualified contracts. Joint owners are allowed only on non-qualified contracts. Trust and Corporations are allowed as owners.				
DEATH BENEFIT	The greater of the the account value, reduced by charges not previously deducted, and reduced by premium tax or other taxes not previously deducted; or the GMSV.				
EASY SYSTEMATIC PAYMENT (ESP) PROGRAM (NON-	The fixed dollar and life distribution options are available. Refer to the Terms and Conditions section of the applicable ESP program election agreement form for eligibility requirements. ESP payments reduce the amount available under the free withdrawal allowance. Please note indexed interest is credited only at the end of				

a term year; amounts withdrawn before the end of a term year will not earn any

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indexed interest.

The S&P 500 Risk Control 10% Index refers to the S&P 500 Average Daily Risk Control 10% Price Return Index. For more information, visit US.SPIndices.com and search keyword SPXAV10P.

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