



Portfolio Margin Risk Disclosure Statement

OVERVIEW OF PORTFOLIO MARGINING

1. Portfolio margining is a margin methodology that sets margin requirements for an account using a "risk-based" pricing model that calculates the largest potential loss of all positions in a product class or group across a range of underlying prices and volatilities. This model, known as the Theoretical Intermarket Margining System ("TIMS"), is applied each night to U.S. stocks, OCC stock and index options, and U.S. single stock futures positions by the federally-chartered Options Clearing Corporation ("OCC") and is disseminated by the OCC to participating brokerage firms each night. Interactive Brokers evaluates margin compliance throughout the trading day based on the current positions in the account and current market prices, but the margin calculations are based on TIMS parameters received the prior evening.
2. The goal of portfolio margining is to set levels of margin that more precisely reflect actual net risk. The customer may benefit from portfolio margining in that margin requirements that are calculated based on net risk are generally lower than alternative "position" or "strategy" based methodologies for determining margin requirements. Lower margin requirements allow the customer more leverage in an account.

CUSTOMERS ELIGIBLE FOR PORTFOLIO MARGINING

3. To be eligible for portfolio margining, customers (other than broker-dealers or members of a national futures exchange) must be approved for writing uncovered options. If a customer (other than a broker-dealer or member of a national futures exchange) wishes to trade in unlisted derivatives, the customer must have and maintain at all times account equity of not less than five million dollars, aggregated across all accounts under identical ownership at the carrying broker-dealer and/or its US-regulated affiliated broker-dealers or Futures Commission Merchants. This identical ownership requirement excludes accounts held by the same customer in different capacities (e.g., as a trustee and as an individual) and accounts where ownership is overlapping but not identical (e.g., individual accounts and joint accounts). In addition to the requirements of the self-regulatory organization rule, carrying broker-dealers may have their own minimum equity requirement and possibly other eligibility requirements.

POSITIONS ELIGIBLE FOR A PORTFOLIO MARGIN ACCOUNT

4. All margin equity securities (as defined in Section 220.2 of Regulation T of the Board of Governors of the Federal Reserve System), warrants on margin equity securities or on eligible indices of equity securities, equity-based or equity-index based listed options, and security futures products (as defined in Section 3(a)(56) of the Securities Exchange Act of 1934) are eligible to be margined in a portfolio margin account. In addition, a customer that has an account with equity of at least five million dollars may establish and maintain positions in unlisted derivatives (e.g., OTC swaps, options) on a margin

equity security or an eligible index of equity securities that can be priced by a theoretical pricing model approved by the Securities and Exchange Commission ("SEC").

SPECIAL RULES FOR PORTFOLIO MARGIN ACCOUNTS

5. A portfolio margin account may be either a separate account or a sub-account of a customer's standard margin account. In the case of a sub-account, equity in the standard account may be available to satisfy any margin requirement in the portfolio margin sub-account without transfer to the sub-account.
6. A portfolio margin account or sub-account will be subject to a minimum margin requirement of \$.375 for each listed option, unlisted derivative and security futures product, multiplied by the contract's or instrument's multiplier, carried long or short in the account. Other eligible products are not subject to a minimum margin requirement.
7. A margin deficiency in the portfolio margin account or sub-account, regardless of whether due to new commitments or the effect of adverse market movements on existing positions, must be met within three business days. Failure to meet a portfolio margin deficiency by the end of the third business day will result in a prohibition on entering any new orders, with the exception of new orders that reduce the margin requirement. Failure to meet a portfolio margin deficiency by the end of the third business day will result in the prompt liquidation of positions on the fourth business day, to the extent necessary to eliminate the margin deficiency.
8. Any shortfall in aggregate equity across accounts, when required, must be met within three business days. Failure to meet a minimum equity deficiency by the end of the third business day will result in a prohibition on entering any new orders, with the exception of new orders that reduce the margin requirement, beginning on the fourth business day and continuing until such time as the minimum equity requirement is satisfied, or if applicable, all unlisted derivatives are liquidated or transferred out of the portfolio margin account.

**Please note that pursuant to the IB Customer Agreement, IB reserves the right to liquidate positions prior to the fourth business day. **

SPECIAL RISKS OF PORTFOLIO MARGIN ACCOUNTS

9. Portfolio margining generally permits greater leverage in an account, and greater leverage creates greater losses in the event of adverse market movements.
10. Because the maximum time limit for meeting a margin deficiency is shorter than in a standard margin account, there is increased risk that a customer's portfolio margin account will be liquidated involuntarily, possibly causing losses to the customer.
11. Because portfolio margin requirements are determined using sophisticated mathematical calculations and theoretical values that must be calculated from market data, it may be more difficult for customers to predict the size of future margin deficiencies in a portfolio margin account. This is particularly true in the case of customers who do not have access to specialized software necessary to make such calculations or who do not receive theoretical values calculated and distributed periodically by an approved vendor of theoretical values.
12. Trading of margin equity securities, warrants on margin equity securities or on eligible indices of equity securities, listed options, unlisted derivatives on margin equity securities or an eligible index of equity

securities, and security futures products in a portfolio margin account is generally subject to all the risks of trading those same products in a standard securities margin account. Customers should be thoroughly familiar with the risk disclosure materials applicable to those products, including the booklets entitled “Characteristics and Risks of Standardized Options” and “Security Futures Risk Disclosure Statement”. Because this disclosure statement does not disclose the risks and other significant aspects of trading in security futures and options, customers should review those materials carefully before trading these products in a portfolio margin account.

13. Customers should consult with their tax advisers to be certain that they are familiar with the tax treatment of transactions in margin equity securities, warrants on margin equity securities or on eligible indices of equity securities, listed options, unlisted derivatives on margin equity securities or an eligible index of equity securities, and security futures products, including tax consequences of trading strategies involving both security futures and option contracts.
14. The descriptions in this disclosure statement relating to eligibility requirements for portfolio margin accounts, and minimum equity and margin requirements for those accounts, are minimums imposed under the self-regulatory organization rules. Time frames within which margin and equity deficiencies must be met are maximums imposed under the self-regulatory organization rules. Broker-dealers may impose their own more stringent requirements.
15. Customers should bear in mind that the discrepancies in the cash flow characteristics of security futures and certain options are still present even when those products are carried together in a portfolio margin account. In addition, discrepancies in the cash flow characteristics of certain unlisted derivatives may also be present when those products are carried in a portfolio margin account. Both security futures and options contracts are generally marked to the market at least once each business day. Similarly, certain unlisted derivatives may also be marked to the market on a daily basis. However, there may be incongruity between the marking to the market of each eligible product in that marks may take place with different frequency and at different times within the day. For example, when a security futures contract is marked to the market, the gain or loss is immediately credited to or debited from, respectively, the customer’s account in cash. While a change in the value of a long option contract may increase or decrease the equity in the account, the gain or loss is not realized until the option is liquidated, exercised or assigned. Accordingly, a customer may be required to deposit cash in the account in order to meet a variation payment on a security futures contract even though the customer is in a hedged position and has experienced a corresponding (but yet unrealized) gain on an option. Alternatively, a customer who is in a hedged position and would otherwise be entitled to receive a variation payment on a security futures contract may find that the cash is required to be held in the account as margin collateral on an offsetting option position.

The general provisions governing portfolio margining (including definitions used in this document) are set forth in NYSE Rule 431(g) and FINRA Rule 4210(g), which can be found at <https://www.nyse.com/regulation/rules> and www.finra.org .

ACKNOWLEDGEMENT FOR CUSTOMERS UTILIZING A PORTFOLIO MARGIN ACCOUNT

BY SIGNING BELOW, I/WE AFFIRM THAT I/WE HAVE READ AND UNDERSTOOD THE PORTFOLIO MARGINING RISK DISCLOSURE STATEMENT.