

Power Shock Muscle Cell Splitting Matrix™

You are holding the all NEW **Power Shock** -- powered by the world's most cutting edge anabolic discovery of all time called BCAA Nitrates! You heard it right! VPX has engineered Branched Chain Amino Acids fused to a nitrate moiety! This provides for far greater BCAA stability and transport across intestinal and muscle cell membranes. An exciting property of nitrates is their capability to act as permeation enhancers of intestinal absorption. Consequently, nitrate bound compounds effortlessly bypass the intestinal wall to be absorbed intact into the bloodstream.(1, 2) In fact, they are so effective that large polypeptides can even be absorbed intact if administered with a nitrate donor. This also greatly improves the absorption of all the ingredients like BCAA Nitrates and Beta-Alanine Nitrate in the **Power Shock** formula.(3) The nitrate bound amino acids innovation is a novel science far superior to free form amino acids and even other chemical salts. One of the premier advantages of nitrates is rapid and potent vasodilation. This results in increased blood flow to radically enhance the distribution of nutrients to the muscles and other tissues. Myogenic Regulatory Factors are activated when the muscle is engorged with anabolic nutrient-dense blood. Further, stamina, strength and recovery are enhanced.(4) While recent research has verified that arginine supplementation fails to increase blood Nitric Oxide levels, nitrates are scientifically proven to induce vasodilation via Nitric Oxide. Nitrates increase blood Nitric Oxide levels by exerting their vasodilating effect by releasing an NO₂ or NO₃ group. NO₃ is reduced to NO₂ in the blood vessels' epithelial cells where it reacts to yield Nitric Oxide.

While highly significant, BCAAs are just part of the **Power Shock** muscle cell splitting matrix. Scientific research has proven that **EAAs** (essential amino acids) are the key anabolic activators for muscle protein synthesis and are far superior to BCAAs alone.(5) Moreover, science has proven that

adding non-essential amino acids such as glutamine does nothing to promote muscle mass in healthy, well-nourished humans.(6) Despite the promise of higher nitric oxide levels, six grams per day of arginine supplementation had no effect on nitric oxide production, lactate and ammonia metabolism and performance in intermittent anaerobic exercise in well-trained male athletes.(7) So, if you see glutamine or arginine on the label, you're wasting your money. To further fuel lean muscle mass **Power Shock** contains Owoc's latest mind blowing muscle compounds: Anserine or Beta-Alanyl-1-Methylhistidine along with Beta-Alanine Nitrate and Citrulline Nitrate.

To use the **Power Shock** Drink & Grow Strategy simply consume **Power Shock** while you train. A more advanced strategy for hardcore athletes and bodybuilders is to drink **NO-Shotgun**® prior to training. **Power Shock** during training and **Stealth**® after training or athletic events. Always consume at least one half an ounce of water for each pound of body weight.

References: 1. Takahashi K et al. Characterization of the influence of nitric oxide donors on intestinal absorption of macromolecules. *Int J Pharm* 2004;286:89-97.
2. Fethi G et al. Nitric oxide donors can enhance the intestinal transport and absorption of insulin and [Asu(1,7)]-eel calcitonin in rats. *J Control Release* 2005;106:287-97.
3. Fethi G et al. Excellent absorption enhancing characteristics of NO donors for improving the intestinal absorption of poorly absorbable compound compared with conventional absorption enhancers. *Drug Metab Pharmacokinet* 2006;21:222-9.
4. Larsen FJ et al. Effects of dietary nitrate on oxygen cost during exercise. *Acta Physiol (Oxf)* 2007;191:59-66.
5. Dreyer H et al. Leucine-enriched essential amino acid and carbohydrate ingestion following resistance exercise enhances mTOR signaling and protein synthesis in human muscle. *Am J Physiol Endocrinol Metab* 2008;294:E392-400.
6. Gleeson M. Dosing and efficacy of glutamine supplementation in human exercise and sport training. *J Nutr* 2008;138:2045S-2049S.
7. Liu TH et al. No effect of short-term arginine supplementation on NO production, metab and performance in intermittent exercise in athletes. *J Nutr Biochem* 2009;20:462-8.

NEW



Powered By
BCAA NITRATES

POWER SHOCK™

AMINO NITRATE



DIETARY SUPPLEMENT
NET WT. 378g (13 oz.)

LIME SPLASH

STORE IN A COOL, DRY PLACE. CONTENTS SOLD BY WEIGHT NOT VOLUME. SOME SETTLING MAY OCCUR.

Power Shock Muscle Cell Splitting Matrix™

- Powered by BCAA Nitrates, Beta-Alanine Nitrate & Citrulline Nitrate for Greater Stability & Muscle Transport!
- Moiety Nitrates are Novel Science far Superior to Free Form Aminos & Other Chemical Salts!
- Nitrates are Scientifically Proven to Induce Vasodilation via Nitric Oxide (NO)!
- NO increases Blood Flow to Engorge Muscle with Anabolic Nutrient-Dense Blood!
- Stamina, Strength and Recovery are Enhanced!
- EAAs (Essential Amino Acids): Key for Protein Synthesis Proven Superior to BCAAs!
- Contains Potent Anserine for Muscle Performance and Proton Buffering!

RECOMMENDED USE: Mix one scoop of **Power Shock** with 8 to 10 ounces of water or your favorite beverage. To use the **Power Shock** Drink & Grow Strategy simply consume **Power Shock** while you train. A more advanced strategy for hardcore athletes and bodybuilders is to drink **NO-Shotgun**® prior to training. **Power Shock** during training and **Stealth**® after training or athletic events. Always consume at least 1/2 an ounce of water for each pound of body weight. For best results use 2 to 3 servings of **Power Shock** daily including non-training days. The **Power Shock** supplement strategy should always be utilized during resistance training and athletic events.

SUPPLEMENT FACTS

Serving Size: 13.5 g (1 scoop)
Servings per container: 28

	Amount per Serving	%DV
Calories	40	
Total Carbohydrates	2 g	1%*
Protein	8 g	16%*
Vitamin B6 (Pyridoxine HCl)	2.5 mg	125%
Proprietary Essential Amino Acid Blend	8,000 mg	
L-Leucine		xx
L-Lysine		xx
L-Phenylalanine		xx
L-Threonine		xx
L-Isoleucine		xx
L-Valine		xx
L-Histidine		xx
L-Methionine		xx
Proprietary Designer Amino Acid Blend	3,000 mg	
L-Leucine Nitrate		xx
L-Valine Nitrate		xx
L-Isoleucine Nitrate		xx
Beta-Alanine		xx
L-Citrulline Malate		xx
Anserine (beta-alanyl-1-methylhistidine)		xx
L-Citrulline Nitrate		xx
Beta-Alanine Nitrate		xx

Not a Significant Source of Vitamin A, Vitamin C, calcium and iron.

*Daily Value not established.
Percent Daily Values (%DV) are based on a 2,000 calorie diet.

OTHER INGREDIENTS: natural & artificial flavors, malic acid, Sucralean® brand sucralose, citric acid anhydrous.
Allergen Warning: Manufactured in a facility that processes milk.
Phenylketonurics: Contains Phenylalanine

PROTECT FROM HEAT, LIGHT AND MOISTURE. DO NOT PURCHASE IF SAFETY SEAL IS BROKEN OR MISSING. STORE AT 15-30° C (59-86° F)



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*When combined with resistance training and sensible diet. †These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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