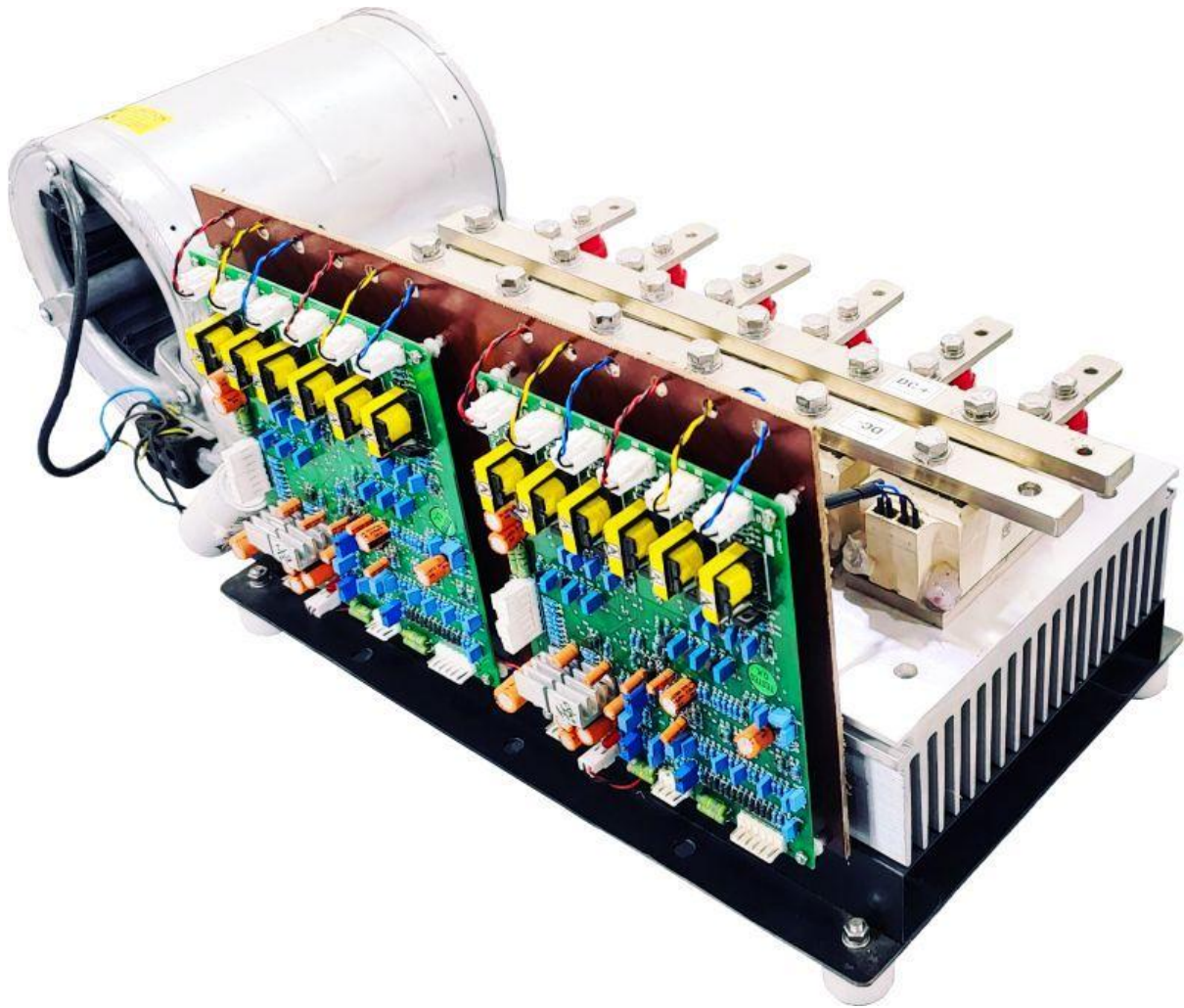


Product Specification: VP004112 – 12-Pulse

80–150 kVA Charger Stack



12 PULSE -CHARGER STACK 120-150KW

Product Specification: VP004112 – 12-Pulse 80–150 kVA Charger Stack

General Description:

- **Product Code:** VP004112
- **Product Name:** 12-Pulse 80–150 kVA Charger Stack
- **Configuration:** 12-pulse rectifier system for high-power battery charging applications
- **Power Range:** 80 kVA to 150 kVA
- **Assembly Type:** Stack configuration for modular or integrated installation

Key Components:

Reference Code	Component Description	Quantity	Unit
VP001304	ASS CARD-3PH 6PULSE CHARGER CARD 2L 1PCB	2	Units
VP008755	ASS CARD - P(0-240V)S(0-6VX2,0-17V) 6 PULSE PCB MOUNTING	2	Units
VP006361	SKKT 250/16E (SEMI)	6	Units
VP004123	215X75X425MM AL Heat Sink	1	Units
VP002437	BLOWER EBM NADI (D2E133-AM47-01)	1	Units

Technical Features:

- **Topology:** 12-pulse rectification for reduced harmonic distortion and improved efficiency
- **Input:** 3-phase AC supply
- **Output:** DC charging output for high-capacity battery systems
- **Cooling:** Forced air cooling with dedicated blower and aluminum heat sink
- **Semiconductor Control:** SKKT thyristor modules for reliable power switching

- **Modular Design:** Includes two 6-pulse charger cards for scalable power output
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Applications:

- Industrial battery charging systems
 - UPS backup power systems
 - Electric vehicle charging infrastructure
 - Renewable energy storage systems
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Mechanical Specifications:

- **Heat Sink Dimensions:** 215 mm × 75 mm × 425 mm (Aluminum)
 - **Cooling:** Single blower unit (EBM NADI model: D2E133-AM47-01)
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Standards & Compliance:

- Designed to meet industrial power quality and safety standards
 - Suitable for high-power and continuous operation environments
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Let me know if you need a **wiring diagram**, **performance curves**, or **test specifications** for this charger stack.