



P-RHIDBALLAST.50.V Options

Type	Order No.	Output/W	Lamps
EP8050DC- USBDF9-P	EP8050DC-USBDF9-P	50	

Technical data

Input Voltage Range DC9V~32V

Typical Operating Voltage DC12.8V

Typical Operating Voltage DC24V

Typical Input Current 4.3A, Condition: DC 12.8V Input

Typical Input Current 2.2A, Condition: DC 24V Input

Max. Inrush Current 25A

Output Power 47W ± 2W (Constant Power)

Output voltage AC85V ± 15V (Square Pulse, RMS70V~100V)

Output Frequency 260Hz~280Hz

Efficiency: ≥83%,

Ignition pulse Typical peak Voltage 23kV

Typical duration 1s

Cooling method Natural cooling

Input Protections Under voltage protection at 6V ± 1V

Over voltage protection at 34.5V ± 1V

Input connection-reverse protection

Output Protections Short circuit protection between two outputs

Open circuit protection between two outputs

Operating temperature -40°C ~ +80°C

Storage temperature -40°C ~ +105°C



P-RHIDBALLAST.50.V TECHNICAL INFORMATION

Vision X 50 WATT Off Road Ballast & Starter

Warning Notice

Do not attempt to handle or operate an electronic power supply (EPS) and ignitor before completely reading and understanding this notice. Contact EPE if you are uncertain of characteristics of these devices.

The ignitor produces starting voltages of up to 23kV and electromagnetic radiation interference, which are hazardous to personnel and sensitive instrumentation. Do not touch any conductive parts

Both electronic lamp ballast and ignitor must never be installed or operated in an explosive or volatile atmosphere. Never use the ballast or ignitor near flammable gases or liquids. See that there will be no moisture, dust or similar which could lead to short circuits or fire.

No potential isolation is provided between line input and output. Accidentally grounding of an output terminal by direct contact or arcing to GND can damage the unit (no warranty replacement).

All installation and repair work on this unit is only permitted by qualified personnel.

Please provide sufficient cooling condition for EPS and ignitor.

EPE does not assume liability for disregarding of this notice, incorrect use of the EPS and ignitor or disregarding of any legal requirements. This product is subject to technical changes without prior notice.

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