

# PS-1-73

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PowerShift® Module, 3 separate 1460 watts circuits per module, 4380 watts total per module, Patent Pending

- Reduced capital/operating expenditures
- Engineering flexibility
- Future-ready design

## Product Classification

<b>Product Type</b>	Module
<b>Product Brand</b>	PowerShift®
<b>Product Series</b>	V1

## Dimensions

<b>Height</b>	1.63 in   41.402 mm
<b>Width</b>	4 in   101.6 mm
<b>Depth</b>	13.85 in   351.79 mm
<b>Compatible Gauge Range</b>	14–6 AWG

## Electrical Specifications

<b>Input Current Range</b>	0–36 A
<b>Input Current, nominal</b>	5 A
<b>Input Voltage Range</b>	-42 to -59.5 Vdc
<b>Input Voltage, nominal</b>	-54 Vdc
<b>Output Current Range</b>	0–20 A
<b>Output Current, nominal</b>	4 A
<b>Output Voltage Range</b>	-48 to -73 Vdc
<b>Output Voltage Regulation</b>	0.5 %
<b>Output Voltage Ripple</b>	100 mVpp
<b>Output Voltage, nominal</b>	-60 Vdc
<b>Electrical Safety Standard</b>	CE   IEC 60950   UL   cUL
<b>Electromagnetic Compatibility/Interference (EMC/EMI)</b>	EN 55022 Class A
<b>Power Efficiency</b>	95 %

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<b>Power Efficiency, nominal</b>	97 %
<b>Programmable RRU Voltage Range</b>	-53 to -58 Vdc
<b>Programmable RRU Voltage, nominal</b>	54 Vdc
<b>Total Output Power</b>	1460 W, input voltage dependent

## Environmental Specifications

<b>Relative Humidity</b>	5%–95%, non-condensing
<b>Ambient Temperature</b>	65 °C   149 °F
<b>Mean Time Between Failures (MTBF) at Temperature</b>	300,000 h @ 25 °C

## Packaging and Weights

<b>Packaging quantity</b>	1
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

