## PS-1-73-EURO



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

- Reduced capital/operating expenditures
- Engineering flexibility
- Output to meet European standard

## Product Classification

Product BrandPowerShift@Product SeriesV1Product SeriesV1DimensionsV1Height41.402 mm   1.63 inWith01.6 mm   4 inPopth351.79 mm   1.385 inCompatible Gauge RangeV1Electrical SpecificationsV1Input Current Range0-36 AInput Voltage Range42 to -59.5 VdcInput Voltage Range-54 VdcOutput Current Range0-20 AOutput Current Range0-20 AOutput Current Range-48 to -73 VdcOutput Voltage Range-48 to -73 VdcOutput Voltage Range0.5 %Output Voltage Range0.0 mVppOutput Voltage Range0.0 mVpOutput Voltage Range0.0 vdcElectrical Safety StandardEN S5022 Class APower Efficiency, moninal95 %	Product Type	Module
Dimensions   Height 41.402 mm   1.63 in   With 101.6 mm   4 in   Depth 351.79 mm   13.85 in   Compatible Gauge Range 14-6 AWG   2.5-16 mm²   Electrical Specifications 14-6 AWG   2.5-16 mm²   Input Current Range 0-36 A   Input Current Range 0-36 A   Input Voltage Range 42 to -59.5 Vdc   Input Voltage, nominal 5A   Output Current Range 0-20 A   Output Voltage Range 44   Output Voltage Range 0.5 %   Output Voltage Range 0.5 %   Output Voltage Range 0.5 %   Output Voltage Range 0.6 Ude   Output Voltage Range 0.5 %   Output Voltage Range 60 Vdc   Electrical Safety Standard Electromagnetic Compatibility/Interference (EMC/EMI) EN 55022 Class A   Power Efficiency 95 % Standard	Product Brand	PowerShift®
Height 41.402 mm   1.63 in   Width 101.6 mm   4 in   Depth 351.79 mm   13.85 in   Compatible Gauge Range 14-6 AWG   2.5-16 mm²   Electrical Specifications 0-36 A   Input Current Range 0-36 A   Input Voltage Range 42 to -59.5 Vdc   Input Voltage, nominal 54 Vdc   Output Current, nominal -54 Vdc   Output Qurrent Range 0-20 A   Output Current, nominal 4A   Output Voltage Range -42 to -73 Vdc   Output Voltage Range 0.5 %   Output Voltage Range 0.5 %   Output Voltage Ripple 100 mVpp   Output Voltage, nominal 60 Vdc   Electrical Safety Standard CE   IEC 60950   UL   cUL     Fleetrical Safety Standard Sto-22 Class A   Power Efficiency 95 %	Product Series	V1
Width101.6 mm   4 inDepth351.79 mm   13.85 inCompatible Gauge Range14-6 AWG   2.5-16 mm²Electrical Specifications0-36 AInput Current Range0-36 AInput Current, nominal5 AInput Voltage Range-42 to -59.5 VdcInput Voltage, nominal-54 VdcOutput Current, nominal-54 VdcOutput Current, nominal-54 VdcOutput Current, nominal-60 VdcOutput Voltage Range-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)S5022 Class APower Efficiency95 %	Dimensions	
Depth351.79 mm   13.85 inCompatible Gauge Range14-6 AWG   2.5-16 mm²Electrical Specifications5Input Current Range0-36 AInput Current, nominal5AInput Voltage Range-42 to -59.5 VdcInput Voltage, nominal-54 VdcOutput Current, nominal0-20 AOutput Current, nominal4AOutput Current, nominal0-20 AOutput Voltage Range-48 to -73 VdcOutput Voltage Range0.5 %Output Voltage Regulation0.5 %Output Voltage, nominal60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectrical Safety StandardS5022 Class APower Efficiency95 %	Height	41.402 mm   1.63 in
Compatible Gauge Range14-6 AWG   2.5-16 mm²Electrical Specifications0-36 AInput Current Range0-36 AInput Current, nominal5 AInput Voltage Range-42 to -59.5 VdcInput Voltage, nominal-54 VdcOutput Current, nominal0-20 AOutput Current, nominal4 AOutput Voltage Range-48 to -73 VdcOutput Voltage Range0.5 %Output Voltage Range-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULFleetring Period55022 Class APower Efficiency95 %	Width	101.6 mm   4 in
Electrical SpecificationsInput Current Range0-36 AInput Current, nominal5 AInput Voltage Range-42 to -59.5 VdcInput Voltage, nominal-54 VdcOutput Current Range0-20 AOutput Current, nominal4 AOutput Current, nominal-48 to -73 VdcOutput Voltage Range-48 to -73 VdcOutput Voltage Range0.5 %Output Voltage Regulation0.5 %Output Voltage, nominal60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Depth	351.79 mm   13.85 in
Input Current Range0-36 AInput Current, nominal5 AInput Voltage Range-42 to -59.5 VdcInput Voltage, nominal-54 VdcOutput Current, nominal0-20 AOutput Current, nominal4 AOutput Voltage Regulation0.5 %Output Voltage, nominal0.6 VdcOutput Voltage, nominal-60 VdcElectrical Safety StandardEM S5022 Class APower Efficiency95 %	Compatible Gauge Range	14-6 AWG   2.5-16 mm <sup>2</sup>
Input Current, nominal5 AInput Voltage Range-42 to -59.5 VdcInput Voltage, nominal-54 VdcOutput Current Range0-20 AOutput Current, nominal4 AOutput Voltage Range-48 to -73 VdcOutput Voltage Regulation0.5 %Output Voltage, nominal-60 VdcElectrical Safety StandardEMC Compatibility/Interference (EMC/EMI)Power Efficiency95 %	Electrical Specifications	
Input Voltage Range-42 to -59.5 VdcInput Voltage, nominal-54 VdcOutput Current Range0-20 AOutput Current, nominal4 AOutput Voltage Range-48 to -73 VdcOutput Voltage Regulation0.5 %Output Voltage Ripple100 mVppOutput Voltage, nominal-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Input Current Range	0-36 A
Input Voltage, nominal-54 VdcOutput Current Range0-20 AOutput Current, nominal4 AOutput Voltage Range-48 to -73 VdcOutput Voltage Regulation0.5 %Output Voltage Ripple100 mVppOutput Voltage, nominal-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Input Current, nominal	5 A
Output Current Range0-20 AOutput Current, nominal4 AOutput Voltage Range-48 to -73 VdcOutput Voltage Regulation0.5 %Output Voltage Ripple100 mVppOutput Voltage, nominal-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Input Voltage Range	-42 to -59.5 Vdc
Output Current, nominal4 AOutput Voltage Range-48 to -73 VdcOutput Voltage Regulation0.5 %Output Voltage Ripple100 mVppOutput Voltage, nominal-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Input Voltage, nominal	-54 Vdc
Output Voltage Range-48 to -73 VdcOutput Voltage Regulation0.5 %Output Voltage Ripple100 mVppOutput Voltage, nominal-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Output Current Range	0-20 A
Output Voltage Regulation0.5 %Output Voltage Ripple100 mVppOutput Voltage, nominal-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Output Current, nominal	4 A
Output Voltage Ripple100 mVppOutput Voltage, nominal-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Output Voltage Range	-48 to -73 Vdc
Output Voltage, nominal-60 VdcElectrical Safety StandardCE   IEC 60950   UL   cULElectromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Output Voltage Regulation	0.5 %
Electrical Safety Standard CE   IEC 60950   UL   cUL   Electromagnetic Compatibility/Interference (EMC/EMI) EN 55022 Class A   Power Efficiency 95 %	Output Voltage Ripple	100 mVpp
Electromagnetic Compatibility/Interference (EMC/EMI)EN 55022 Class APower Efficiency95 %	Output Voltage, nominal	-60 Vdc
Power Efficiency 95 %	Electrical Safety Standard	CE   IEC 60950   UL   cUL
	Electromagnetic Compatibility/Interference (EMC/EMI)	EN 55022 Class A
Power Efficiency, nominal97 %	Power Efficiency	95 %
	Power Efficiency, nominal	97 %

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## PS-1-73-EURO

Programmable RRU Voltage Range	-53 to -58 Vdc
Programmable RRU Voltage, nominal	54 Vdc
Total Output Power	1460 W, input voltage dependent
Environmental Specifications	
Relative Humidity	5%–95%, non-condensing
Ambient Temperature	65°C   149°F
Mean Time Between Failures (MTBF) at Temperature	300,000 h @ 25 °C
Packaging and Weights	

Packaging quantity

1

## Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
CE	

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