

Model Range	N10XX	N11XX	N15XX	N12XX	N13XX	N16XX	N17XX	N14XX
								
Max Power	1.7 kW	4.0 kW	7.0 kW	9.4 kW	12.6 kW	23.0 kW	26.8 kW	16.58 kW
Voltage	28	28	28	28 56	28	28 270	28 600	28
Dual Voltage Capable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Max Available Output Amps	60	140	250	345	450	820	960	600
Mounting Options	Spool J180 Hinge Pad Rail	Custom Hinge J180 Hinge Pad Rail	Custom Hinge J180 Hinge Pad Rail	Custom Hinge J180 Hinge Pad Rail	Custom Hinge Pad Rail	Custom Hinge J180 Hinge Rail	Rail	4 Point
Smart Regulator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shell Diameter	5.5" / 13.97 cm	6.5" / 16.51 cm	7.75" / 19.685 cm	8.0" / 20.32 cm	8.0" / 20.32 cm	9.0" / 22.86 cm	10.0" / 25.4 cm	9.75" / 24.765 cm
Length Excl. Mounting Features	6" / 15.24 cm	10" / 25.4 cm	8.5" / 21.59 cm	10.5" / 26.67 cm	12" / 30.48 cm	15.5" / 39.37 cm	15.5" / 39.37 cm	11.5" / 29.21 cm
Weight	20 lbs / 9 kg	40 lbs / 18 kg	47 lbs / 21 kg	68 lbs / 31 kg	86 lbs / 39 kg	115 lbs / 52 kg	155 lbs / 70 kg	72 lbs / 33 kg

Designed to meet certain U.S.A and international military and commercial performance standards including but not limited to: MIL-STD, DEF-STAN, ASME, SAE, ISO, DIN

The above information is for reference only. Max power and output measurements listed are taken subject to conditions as per SAE J56. Contact us for detailed dimensions, output specifics and/or additional information.

All units referenced on this page are subject to U.S. export control restrictions. Please inquire for more information regarding these restrictions.

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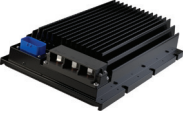






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Power Management Devices Quick Reference

Battery Equalizer	Electronic Power Manager (EPM)	DC to DC Converter	Battery Isolator	Smart Battery Sensor	Transient Protection Device (TPD)	Load and Battery Control Device (LBGD)
						
Input voltage: 18V-32V DC	Automatic electronic battery disconnect switch	Input voltage: 18V-32V DC	Supports independent power distribution branches	Measured temperature: -40°C to +105°C	100A Continuous pass-thru current	28V/14V dual voltage input
Output voltage: (Input Voltage/2) ± 2%	Protected 28V and 14V auxilliary outputs with diagnostic LED's	Output voltage: 14V ± 0.2V	Prevent current flow between power distribution branches, battery packs or backup power sources	Measured battery voltage: 14V: 0.0V to 20.0V (±0.1%) 28V: 0.0V to 40.0V (±0.1%)	700A Inrush current (Duration < 0.5 seconds)	Reverse polarity protection
Output current: 125A	Automatic reverse poliarity protection	Output current: 125A	100V / 350A-1000A input range	Measured current: 0.5A to 600A (±1.0%)	280A suppression capability at 28V for excess electrical system energy	200A Max continuous current on either input
Operating temp: -40°C to +90°C Full power (No de-rating): -40°C to +70°C	Limp home mode capable	Operating temp: -40°C to +90°C Full power (No de-rating): -40°C to +70°C	Multiple configurations	Calculated parameters (est): Total number of batttery charging cycles / total current (amp/hrs) in and out of battery	Customizable device thresholds	Charging system indication signal and LED mode indicator
Peak efficiency: 96%	Low battery voltage indicator	Peak efficiency: 96%	-40°C to +65°C Ambient temperature range without fan	Operating temp: -40°C to +105°C	High current input and output terminals	Battery disconnect signal
Dimensions: 12.5" x 8.5" x 2.8" 31.75cm x 21.6cm x 7.11cm	J1939 Communication: battery voltages / temperature / amperage / faults	Dimensions: 12.5" x 8.5" x 2.8" 31.75cm x 21.6cm x 7.11cm	Voltage filtering	J1939 vehicle backbone connection and communication via available harness	J1939 Communications	Auto start/stop
Weight: 10.2 lbs / 4.6 kg		Weight: 10.2 lbs / 4.6 kg			System status LED	-50°F to 167°F operating temperature

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