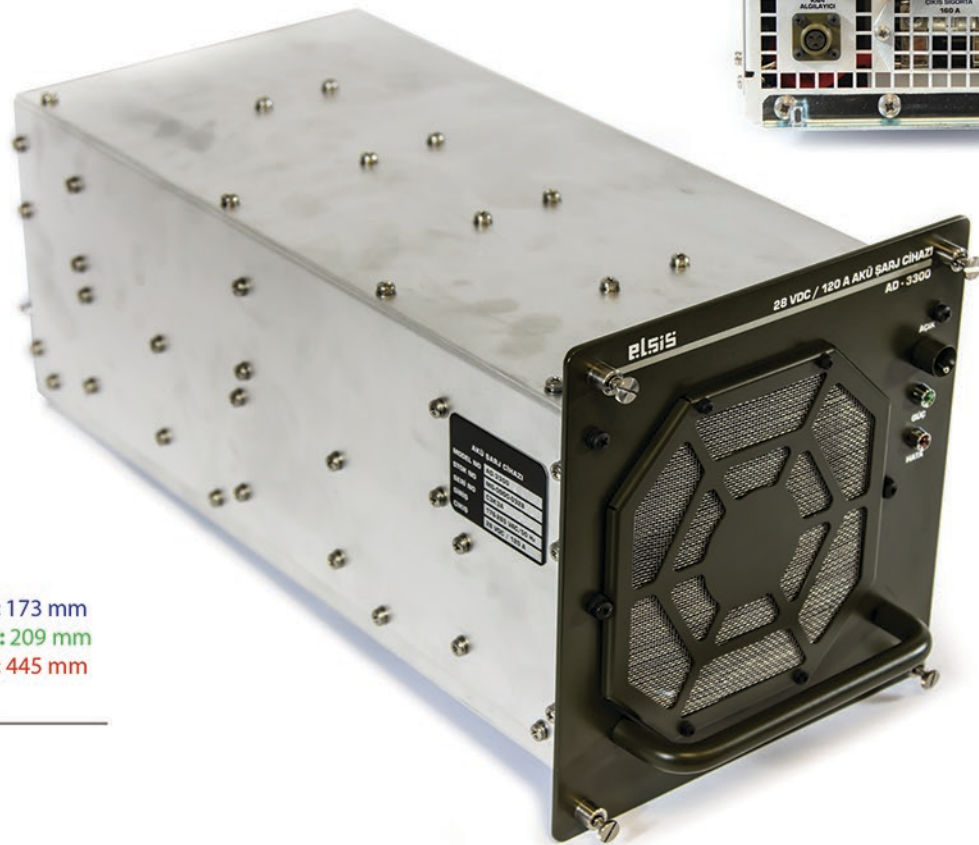
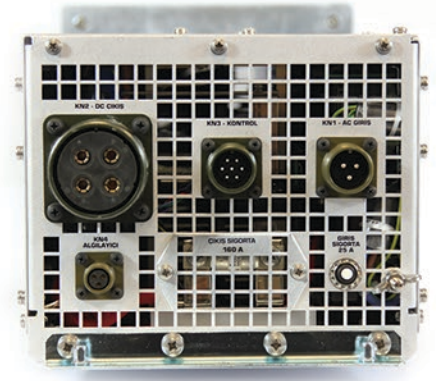


pOweration

MILITARY GRADE CHARGER

"220 Vac – 50 Hz" INPUT &
"28 Vdc / 120 A" OUTPUT



H: 173 mm
W: 209 mm
D: 445 mm

www.poweration.com

Especially suitable for "Mobile" and "Stationary" use, "IP-20" Protection Class chargers. Made to comply with stringent Military Specifications for Choke, Vibration, Temperature, EMI/RFI and Electrical Transients.

The manufacturer of this product ELSIS Co. Inc. established in 1971 is an "ISO-9001" certified company since 1999.

12675 Danielson Court, Suite 401, Poway, CA 92064
Phone: 619-540-7004 Email: ekoprulu@poweration.com
www.poweration.com



Main Technical Specifications of "28 Vdc - 120 A" Charger:

Brand / Model	EL SIS; "MIL-3K3-CHR"
Manufacturer	EL SIS A.S.
Input Voltage Range	176 – 264 Vac
Input Power Factor	≥0,99 from half load to full load
Input Current THD	Less than 5%
EMI Reflection to Input	MIL-STD-461E, CE101, CE102
Input Protection	Thermal/Magnetic circuit breaker and electronic turn off at input voltages beyond allowed limits
Output Voltage	28 Vdc; with battery temperature compensation and stability of "+/- 1%"
Nominal Output Power	3300 W
Output Voltage Ripple	Up to 20 MHz band, less than 200 mV
Output Current Limit	Fully electronic at 10% above nominal current
Output Protection	<ul style="list-style-type: none"> * Fully electronic against over-load and continuous short-circuit conditions. * Fuse protection against reverse connection of battery * Prevention of battery discharge when charger is off
Output Transient Protection	MIL-STD-1275A
Efficiency	Better than 85% (from 50% to 100% load, under nominal conditions)
Electromagnetic Compatibility	MIL-STD-461E, CE101, CE102, RE101, RE102
Duration of Operation	Continuous, 24 hours a day, 7 days a week
Weight	13 kg (apprx. 22 lb)
Package Type	Mounted by 4x "M5" captive screws on the front panel and fixed by 2x "M5" screws at the rear angle bracket
Cooling	Forced air cooled by internal axial fan, blowing air from front to back
Mechanical Units	Metric (can be modified to customer request)
Dimensions	W: 209 mm; H: 173 mm; D: 335 mm
Front Panel Controls, Indicators and Rear Panel Connections	<ul style="list-style-type: none"> * "Turn-On" switch, "Line and Fault" LED's on the front panel * "MS-3102" circular connectors for "Input", "Control", "Output" and "Temp. Comp." connections
Operation Ambient Temperature	From -32o C to +55o C
Storage Temperature	From -40o C to +80o C
Salt and Mist	MIL-STD-810E Method 509.3, 48 hours mist and 48 hours dry time
Mechanical Choke	MIL-STD-810E
Vibration	MIL-STD-810E, Category 8, Military Land Vehicle
Acoustical Noise	Less than 50 dB(A)
Operation Altitude	2000 m; above 2000 m according to degradation curve
Relative Humidity	Up to 90% (without condensation)
Parallel Operation	Parallel and load sharing operation of up to 4 units

