

pOweration

**3Ø STAR INPUT 28 VDC-225A OUTPUT
"2U" RACK TYPE COMPACT CHARGER**



H: 770 mm
W: 415 mm
D: 480 mm

www.poweration.com

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

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Main Technical Specifications of "28 Vdc - 225 A" 2U Charger:

Brand / Model	EL SIS; "MIL-6K3-CHR"
Manufacturer	EL SIS A.S.
Input Voltage Range	3x380/220 Star Input; IP range per phase 176-265 Vac
Input Power Factor	0,98
Input Current THD	Less than 7%
EMI Reflection to Input	MIL-STD-461E, CE102, RE102, CS101, CS114, CS115
Input Protection	Passive fuses and electronic turn off at input voltages beyond allowed limits
Output Voltage	28 Vdc +/-1,5%
Nominal Output Power	6300 W
Output Voltage Ripple	Up to 10 MHz band, less than 300 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 91% (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. 28 lb)
Package Type	Mounted by 2 telescopic rails in 19" cabinet
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: 415 mm; H: 770 mm; D: 480 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" connections
Operation Ambient Temperature	From -32 ^o C to +55 ^o C
Storage Temperature	From -40 ^o C to +80 ^o 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	3000 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

