



an EnerSys® company

SE41-2722/2730

41" General Purpose Outdoor Enclosure



- Highly configurable outdoor enclosure for AC or DC power equipment
- 20RU of available equipment space for power, batteries and customer equipment on 19" or 23" rails
- Rear access plate provides access to the rear of equipment which simplifies the cable routing and termination to equipment
- Flexible thermal management solutions enable convenient matching to load and environmental parameters
- Versatile deployment with pole, wall and ground mount options

The SE41 series enclosure is a configured-to-order system which when equipped with Alpha's reliable power systems meets a wide range of AC and DC powering needs.

A 120/240VAC, 100A load center brings power into the enclosure enabling DC output up to 14.4kW or AC output up to 2kW. The NEMA 3R enclosure offers cooling and heating options allowing the system to operate in extreme weather conditions ranging from -40 to 46C ambient. Combining these extensive powering and cooling options with battery backup, the SE41 enclosure becomes a versatile powering system with a wide range of applications.

The SE41 enclosure is offered in both 22"D (SE41-2722) or 30"D (SE41-2730) enclosures providing more flexibility for internal equipment and wiring. 20RU of equipment space allocates ample room for customer equipment with 19" and 23" equipment rail options. The SE41 enclosure reduces and simplifies installation difficulties by offering pole, pad, plinth, and wall mounting options.

SE41-2722/2730 41" General Purpose Outdoor Enclosure

Consult your sales representative for P/N configurations

Electrical	
AC Input	
AC Load Center Option:	120/240V, 100A maximum, 60Hz, 1PH, 3W+PE
Generator Supply Option:	120/240V, 30A maximum, 60Hz, 1PH, 3W+PE
Internal Power Options	
CXRF 48-1.2kW Rectifier Shelf:	120/240V, 57A maximum, 60Hz, 1PH
CXPS-E3 System:	120/240V, 75A maximum, 60Hz, 1PH
FXM 650-24:	8.7/4.5 @120/230VAC
FXM 650-48:	10.5 @120VAC
FXM 1100:	15.5/8 @120/230VAC
FXM 2000:	20/12 @120/230VAC
Internal Cooling Options:	2000 BTU air conditioner: 120V, 7A maximum, 60Hz, 1PH 4000 BTU air conditioner: 120V, 13.8A maximum, 60Hz, 1PH
Internal Heating Options:	Enclosure fan heater: 120V, 3.5A maximum, 60Hz, 1PH Enclosure heater mat: 120V, 1.5A maximum, 60Hz, 1PH
Output	
DC Options:	
CXRF 48-1.2kW Rectifier Shelf:	42-58V (48V nominal), 4.8kW maximum
CXPS-E3 System:	42-58V, (48V nominal), 14.4kW maximum
LPS36 Converter Shelf:	±190V, 3.6kW maximum (per shelf)
Convenience Receptacle:	120V, 15A, 60Hz, 1PH
UPS:	FXM650, FXM1100, FXM2000: 120V, 60Hz, 1PH

Mechanical				
SE41-2722 Dimensions:	mm: 1041H x 686W x 559D inches: 41H x 27W x 22D			
SE41-2730 Dimensions:	mm: 1041H x 686W x 762D inches: 41H x 27W x 30D			
Weight:	Fan	Heat Exchanger	2000BTU Air Conditioner	4000BTU Air Conditioner
SE41-2722	63.5kg (140lbs)	78kg (172lbs)	87kg (192lbs)	110kg (243lbs)
SE41-2730	71kg (155lbs)	85kg (187lbs)	94kg (207lbs)	117kg (258lbs)
Mounting:	Plinth/Pod/Wall/Pole			
Construction/Finish:	5052-H32 Aluminum/Powder coat			
Insulation:	Standard			
Equipment Rails:	23" adjustable front to back (23" to 19" adapter plates available as option)			
Equipment Space:	20RU			
Cable Entrance:	Knockouts located on sides, bottom and rear of enclosure			
Hinge Type:	3-position lift-off hinge			
Door Prop:	Wind-stop with automatic lock			
Door Latch:	3-point latch with L-handle for padlocking			
Installation Access:	Full front access as well as rear access with a removable gland plate			
HVAC				
Cooling Options:	Thermostat-controlled filtered fan cooling 2000 BTU air conditioner 4000 BTU air conditioner 50W/°C heat exchanger			
Heating Options:	500W heater integrated with air conditioner External 400W fan heater			
Environmental				
Operating Temperature:	-40 to 46 °C (-40 to 115 °F)			
Storage Temperature:	-40 to 85 °C (-40 to 185 °F)			
Compliance				
NEMA Rating:	3R			
UPS Products:	UL 1778 and CSA C22.2 107.3			
DC Products:	UL 60950-1 & CSA C22.2 No. 60950-1			
Remote Power Feeding:	UL 60950-21 & CSA C22.2 No. 60950-21			



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