

INPUT SPECIFICATIONS

Input Voltage	100V – 250V AC or DC (full output power above 185 V)
Input Connections	Individual Feed using AMP Mate-N-Lok connectors (optional input cables with a single plug and two MATE-N-LOK connectors, to power two rectifiers per line cord)

OUTPUT SPECIFICATIONS

	24V	48V
Nominal Voltage	27.00 V DC	54.00 V DC
Operating Voltage Range	22.00 – 27.00 V DC	47.00 – 57.7 V DC
Maximum Power (Input at >185 V)	5.4 kW*	10.8 kW*
Maximum Current	200A	200A

PHYSICAL ATTRIBUTES

Shelf Dimensions (H x W x D)	3.5" x 19" x 12"
Rack Requirements	19" ANSI/EIA 310-D and 23" racks with extender brackets (sold separately)
Weight	21 lbs without rectifiers or controller

OUTPUT DISTRIBUTION SPECIFICATIONS

Breakers	Four (4) bullet-style breaker positions (dry contact breakers, sold separately)
Bulk	Two (2) Connections (top access required)
GMT Fuses	Ten (10) GMT fuses (fuses sold separately)
LVBD	Optional battery low voltage disconnect

OTHER SPECIFICATIONS

Operating temperature	-40°C to 65°C (-40°F to +149°F) full output power below 45°C (113°F)
Storage temperature	-40°C to +70°C (-40°F to +158°F)

STANDARDS

Electrical Safety	UL/CSA 60950-1, 2 nd edition IEC 60950-1, 2 nd edition
EMI/EMC	GR-1089-CORE
Environment	GR-63-CORE Directive 2011/65/EU (RoHS2)

SHELF PART NUMBERS

	AC Feed	Nominal Output Voltage	Battery LVD (LVBD)	Number of Battery Breakers	Number of Load Breakers	Number of GMT Fuses	Bulk Connection (top access required)
FPSI50I-ANL-VC	Individual	-48V	Yes	0	4	10	Battery
FPSI50I-ANS-VC	Individual	-48V	No	0	4	10	Battery
FPSI50I-BPL-VC	Individual	+24V	Yes	0	4	10	Battery
FPSI50I-BPS-VC	Individual	+24V	No	0	4	10	Battery
FPSI56I-ANL-VC	Individual	-48V	Yes	2	2	10	Load
FPSI56I-ANS-VC	Individual	-48V	No	2	2	10	Load
FPSI56I-BPL-VC	Individual	+24V	Yes	2	2	10	Load
FPSI56I-BPS-VC	Individual	+24V	No	2	2	10	Load
FPSI57I-ANL-VC	Individual	-48V	Yes	4	0	10	Load
FPSI57I-ANS-VC	Individual	-48V	No	4	0	10	Load
FPSI57I-BPL-VC	Individual	+24V	Yes	4	0	10	Load
FPSI57I-BPS-VC	Individual	+24V	No	4	0	10	Load

CONTROLLER PART NUMBERS (SOLD SEPARATELY)

242100.410.00005	-48V shelves with LVBD
242100.410.00006	-48V shelves No LVBD
242100.410.00007	+24V shelves with LVBD
242100.410.00008	+24V shelves No LVBD

RECTIFIER PART NUMBERS (SOLD SEPARATELY)

241122.105.VC	Flatpack S 48/1000 HE with CLEI
241122.125.VC	Flatpack S 48/1800 HE with CLEI
241122.205	Flatpack S 24/1000 HE
241122.930	Flatpack S Blind Panel