



- Reactive power compensation · Low voltage ride through
- Peak efficiency 95%; CEC efficiency: 94.5%
- 4 individual MPPTs to drain the maximum power
- High reliability: NEMA6 enclosure
- Overload, short circuit, over / under voltage, high temperature protection
- Online monitoring software for real-time status display

Quad4-Input Micro Inverter FSP152PV

INPUT [DC]	FSP152PV-240
Recommended input power (STC)	230 – 350W
Maximum input voltage	60V
MPPT voltage range (Full Power)	30 – 45V
Operating voltage range	22 – 55V
Number of MPPT	4
Maximum input string	4
Maximum DC short circuit current	60A (15 per MPPT)
Maximum input current	48A (12A per MPPT)
OUTPUT [AC]	
Peak output power	1,200W
Rated continuous output power	1,200W
Nominal output voltage	240V
Nominal output current	5A
Nominal operating voltage range	183 – 305V
Nominal operating frequency	60Hz, (57-63Hz, based on local requirement)
Power factor	>0.95 (±0.9 adjustable)
THDi	<4%
Maximum units per 20A branch	4
Maximum output over current protection	8A
EFFICIENCY	
Peak inverter efficiency	95%
CEC weighted efficiency	94.5%
Static MPPT efficiency	99.9%
Night time power consumption	<300mW
MECHANICAL	
Operating ambient temp range	-40°C to 65°C
Dimensions (W x H x D)	280 mm x 240 mm x 45 mm/ (11.1 in x 9.5 in x 1.8 in)
Weight	5 Kg (11 lbs)
Cooling	Natural convection, Fan less
Enclosure environmental rating	NEMA 6
FEATURES	
Communication	RF/ ZigBee
Compliance	UL 1741/IEEE 1547, FCC Part 15 Class B, CAN/CSA-C22.2 NO.0-M91, 0.4-04, and 107.1-01, IEC 61727, IEC 62116, IEC/EN 62109-1, 62109-2, AS4777.2, AS4777.3, AS/NZ 3100,
Compatibility	60-cell or 72-cell PV modules
Monitoring	fsp eco links and fsp eco manager™ monitoring options