



- Peak efficiency 96%; CEC efficiency: 95.5%
- 2 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

Dual Input Micro Inverter FSP600PV

INPUT [DC]	FSP600PV-NA-208	FSP600PV-NA-240	FSP700PV-NA-277
Recommended input power (STC)	230 – 300W		
Maximum input voltage	60V		
MPPT voltage range (Full Power)	27 – 45V		52 – 56V
Operating voltage range	22 – 55V		50 – 57V
Number of MPPT	2		
Maximum DC short circuit current	30A (15A per MPPT)		
Maximum input current	19.4 A (9.7A per MPPT)		
OUTPUT [AC]			
Peak output power	600W		700W
Rated continuous output power	500W		700W
Nominal output voltage	208V	240V	277V
Nominal output current	2.4A	2.08A	2.53A
Nominal operating voltage range	183 – 229V	211 – 264V	244 – 305V
Nominal operating frequency	60Hz, (57-63Hz, based on local requirement)		
Power factor	>0.95		
THDi	<4%		
Maximum units per 20A branch	8	9	8
EFFICIENCY			
Peak inverter efficiency	96.0%		
CEC weighted efficiency	95.5%		96%
Static MPPT efficiency	99.4%		
Night time power consumption	<100mW		
MECHANICAL			
Operating ambient temp range	-40°C to 65°C		-40°C to 55°C
Dimensions (W x H x D)	260 mm x 180 mm x 31 mm/ (10.2 in x 7.1 in x 1.2 in)		
Protect function	Overload, short circuit, over / under voltage, high temperature		
Weight	3.5 Kg (7.7 lbs)		4.0 Kg (8.8 lbs)
Cooling	Natural convection, Fan less		
Enclosure environmental rating	NEMA 4		NEMA 6
FEATURES			
Communication	Power Line Carrier		
Compliance	UL 1741/IEEE 1547, FCC Part 15 Class B, CAN/CSA-C22.2 NO.0-M91, 0.4-04, and 107.1-01, G59/3-1, G83/2, VDE-0126-1-1, 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		