

INVERTERS

SPF 6000T DVM-G2

Off-grid inverter · Split-phase · 6 kW


6 kW

RATED POWER

Split-phase

PHASE

2

MPPT TRACKERS

93.5 %

MAX. EFFICIENCY

Parameter	Unit	SPF 6000T DVM-G2
PV input		
Max. PV input power	W	7000
Max. PV input voltage	V	250
MPPT voltage range	V	60 – 200
Number of MPPT trackers		2
PV strings per MPPT		1
Max. solar charge current	A	120
AC output		
Rated output power	W	6000
Max. apparent power	VA	6000
Rated AC voltage	V	240
Nominal output voltage options (battery mode)	V	104-110-115-120 / 208-220-230-240
Phase		Split-phase
Rated AC frequency	Hz	50/60
Surge power	VA	18000
Output waveform		Pure sine wave
Transfer time		10 ms
Max. parallel units		6
Max. AC charge current	A	60
AC input voltage	V	240
AC input selectable voltage range		184-272 VAC (for personal computers); 154-272 VAC (for home appliances)
AC input frequency range		50 Hz / 60 Hz (auto sensing)

Parameter	Unit	SPF 6000T DVM-G2
Battery		
Battery type		Lithium / Lead-acid
Nominal battery voltage	V	48
Efficiency		
Max. efficiency	%	93.5
Solar charger max. efficiency	%	97
General data		
Dimensions (W x H x D)	mm	365 × 650 × 247
Weight	kg	38.5
Ingress protection (IP rating)		IP20
Operating temperature range	°C	−20 – 50
Storage temperature	°C	−40 – 60
Relative humidity	%	5 – 95

Specifications are subject to change without notice. Values are typical at 25 °C unless stated.
XUSION is a brand of Hunan New Lithium Aviation Technology Co., Ltd.

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