

Solar Off-grid Inverter

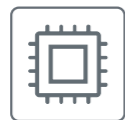
DP1.5KW-12V



Product Features



Built-in 60A Solar Charger



MPPT Range 18-115V



Pure Sine Wave



LCD Display



Support Lithium/Lead-acid Battery



Lithium Battery Activation



Power Factor 1.0



Detachable Dust Cover

Technical Specifications



Model Number	DP1.5KW-12V
Rated Input Voltage (VAC)	208/220/230/240; L+ N + PE
Voltage Range (VAC)	90~280±3 (normal mode);170~280±3 (UPS mode)
Frequency (Hz)	50/ 60 (Auto Adaptive)
Rated Capacity (kW)	1.5
Surge Power (kVA)	2.4
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%~110% load; 10s@110%~130% load; 3s@130%~150%load; 0.2s@>150%load
Max. Efficiency (Battery Mode)	90%@12VDC
Parallel Quantity	NA
Solar Charger Type	MPPT
Max PV input current /power	18A/800W
MPPT Range@Operating Voltage (VDC)	17~115
Max PV Open Circuit Voltage (VDC)	115
Max PV Charge Current (A)	50A
Max AC Charge Current (A)	50A
Max. Charge Current (PV + AC) (A)	100A
Rated Voltage (VDC)	12
Battery Type	Lithium and Lead-acid
Interface	LCD
HMI	USB(Optional)
Monitoring	NA
Ingress Protection	IP21
Operating Temperature	-10 °C~60 °C
Relative Humidity	5%~ 95% (Non-condensing)
Storage Temperature	-15 °C~ 60 °C
Net Weight (kg)	3.5
Dimensions (W*H*D)	320x227x100mm
Max. Operating Altitude	4000m (Derating above 1000m)

Technical Specifications

