

Hybrid Solar Inverter

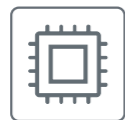
DP4.0KW-24V



Product Features



Built-in 100A Solar Charger



MPPT Range 40-500V



Workable with Generator



Complete CE Certificate



Support Lithium/Lead-acid Battery



Lithium Battery Activation



WiFi Monitoring



Detachable Dust Cover

Technical Specifications



Model Number	DP4.0KW-24V
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)	4.0
Surge Power (kVA)	7.2
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)	92.7%@24VDC
Parallel Quantity	NA
Solar Charger Type	MPPT
Max PV input current /power	18A/5000W
MPPT Range@Operating Voltage (VDC)	40~450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	100
Max AC Charge Current (A)	100
Max. Charge Current (PV + AC) (A)	100
Rated Voltage (VDC)	24
Battery Type	Lithium and Lead-acid
Interface	LCD
HMI	RS485/ RS232/ USB / Dry Contact
Monitoring	WiFi (Optional)
Ingress Protection	IP21
Operating Temperature	-10°C~60°C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15°C~60°C
Net Weight (kg)	5.7
Dimensions (W*H*D)	435x285x98mm
Max. Operating Altitude	4000m (Derating above 1000m)

Technical Specifications

