

Solar Off-grid Inverter

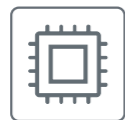
DP1.5KW-12V



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



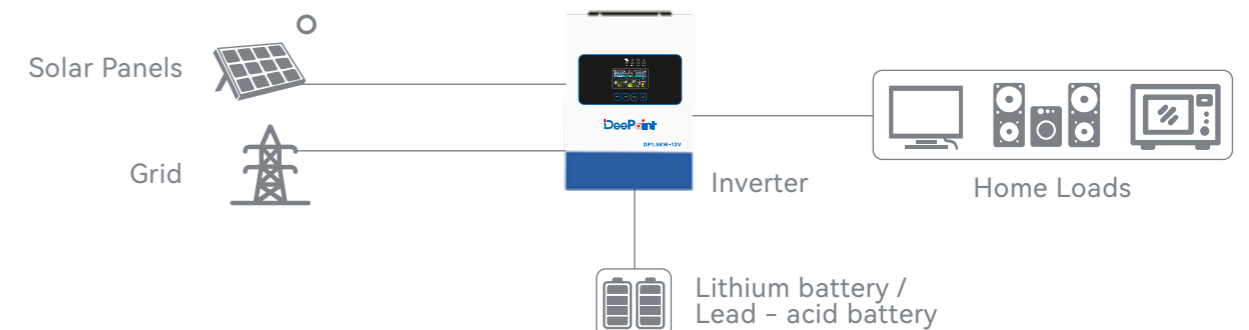
Detachable Dust Cover

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



Hybrid Solar Inverter

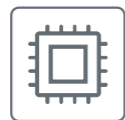
DP4.0KW-24V



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



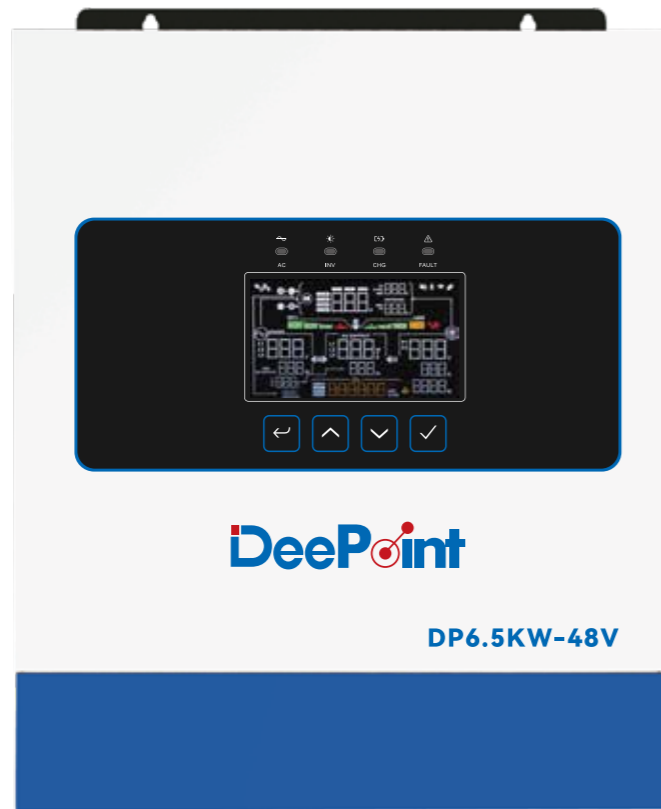
Model Number	DP4.0KW-24V
Rated Input Voltage (VAC)	208/220/230/240; L + N + PE
Voltage Range (VAC)	90~280+3 (normal mode); 170~280+3 (UPS mode)
Frequency (Hz)	50/60 (Auto Adaptive)
Rated Capacity (kW)	4.0
Surge Power (kVA)	7.2
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz+0.1%
Switch 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



Hybrid Solar Inverter

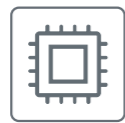
DP6.5KW-48V



Product Features



Built-in 120A Solar Charger



MPPT Range 60-500V



Workable with Generator



27A MAX PV Input



Dual AC Out



Support Lithium/Lead-acid Battery



Lithium Battery Activation



WiFi Monitoring (optional)



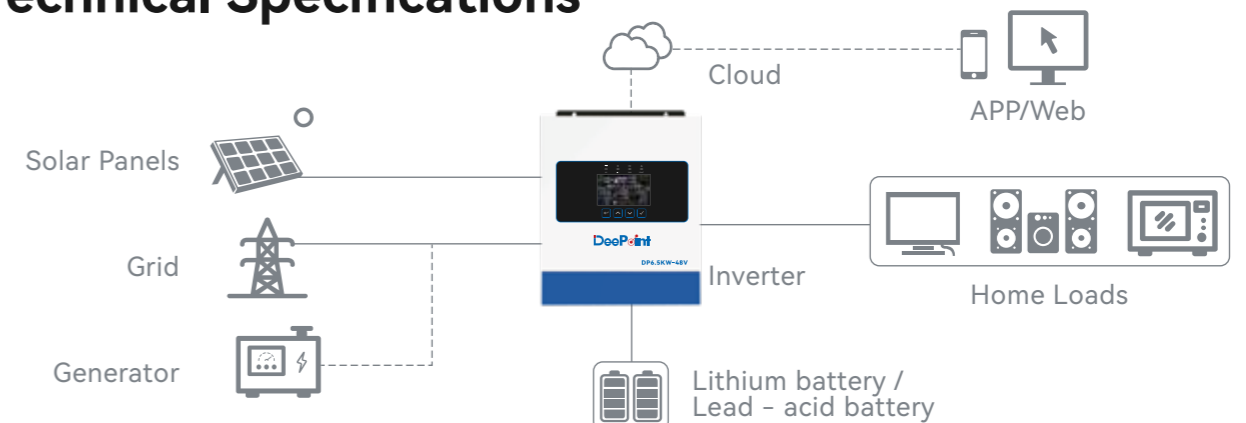
Feed-in to Grid

Technical Specifications



Model Number	DP6.5KW-48V
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)	6.5
Surge Power (kVA)	13
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)	1min@102%~120%; 10S@> 120%Load
Max. Efficiency (Battery Mode)	94%@48VDC
Parallel Quantity	NA
Solar Charger Type	MPPT
Max PV input current/power	27A/9000W
MPPT Range@Operating Voltage (VDC)	60~450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	120
Max AC Charge Current (A)	120
Max. Charge Current (PV + AC) (A)	120
Rated Voltage (VDC)	48
Battery Type	Lithium and Lead-acid
HMI	LCD
Intertace	RS232/ RS485 / USB
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)	8.0
Dimensions (W*H*D)	410x336x115mm
Max. Operating Altitude	4000m (Derating above 1000m)

Technical Specifications


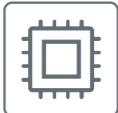









Hybrid Solar Inverter

DP12KW-48V



Product Features

-  Built-in 160A Solar Charger
-  MPPT Range 60-500V
-  Workable with Generator
-  45A MAX PV Input
-  Dual AC Out
-  5 Inch Display
-  Support Lithium/Lead-acid Battery
-  Lithium Battery Activation
-  WiFi Monitoring (optional)
-  Feed-in to Grid

Technical Specifications



Model Number	DP12KW-48V
Rated Input Voltage (VAC)	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)	12
Surge Power (kVA)	24
Voltage (VAC)	220/230/240
Power Factor (PF)	50/60Hz+0.1%
Frequency	10(APP/UPS mode), 20(GEN mode)
Switch Time (ms)	Pure Sine Wave
Wave Form	1min@102%~125%Load
Overload Capacity (Battery Mode)	10s@> 125%Load
Max. Efficiency (Battery Mode)	94%@48VDC
Parallel Quantity	NA
Solar Charger Type	Dual MPPTs
Max. PV input Current / Input Power	Using One MPPT: 27A/9KW Using Two MPPTs: 22.5A/Per MPPT, 15kW/Total
MPPT Range@Operating Voltage (VDC)	60-450
Max. PV Open Circuit Voltage (VDC)	500
Max. PV Charge Current (A)	160
Max. AC Charge Current (A)	160
Max. Charge Current (PV + AC) (A)	160
Rated Voltage (VDC)	48
Floating Charge Voltage (VDC)	54
Overcharge Protection (VDC)	61
Battery	Lithium and Lead-acid
HMI	LCD
Interface	RS232/RS485/CAN
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)	14
Dimensions (H*W*D)	525x435x138mm
Max. Operating Altitude	4000m(Derating above 1000m)

Technical Specifications

