

HYBRID SERIES

1kW-10kW



PRODUCT FEATURES:

- Pure Sine wave Solar inverter
- Selectable charging current
- Wide DC input range
- Auto Restart while AC is recovering
- Overload and short circuit protection
- Cold start function
- Smart battery charger design for optimized battery performance

ENHANCEMENT !!



1000VA=1000W
2000VA=2000W
3000VA=3000W
5000VA=5000W

TECHNICAL SPECIFICATION

PRODUCT SERIES	HYBRID SERIES					
MODEL	DPSH-1KW	DPSH-2KW	DPSHP-3KW	DPSHM-3KW	DPSHP-5KW	DPSHM-5KW
CAPACITY	1000W	2000W	3000W	3000W	5000W	5000W
INPUT						
AC NOMINAL VOLTAGE	230VAC					
SELECTABLE VOLTAGE RANGE	170-280 VAC(FOR PERSONAL COMPUTERS 90-280 VAC (FOR HOME APPLIANCES)					
FREQUENCY RANGE	50Hz/60Hz(AUTO SENSING)					
OUTPUT						
AC VOLTAGE REGULATION	230VAC ±5%					
SURGE POWER	2000VA	4000VA	6000VA	6000VA	10000VA	10000VA
EFFICIENCY(PEAK)	90% ~ 93%					
TRANSFER TIME	10ms (FOR PERSONAL COMPUTER) 20ms (FOR HOME APPLIANCES)					
WAVEFORM	PURE SINE WAVE					
BATTERY						
BATTERY VOLTAGE	12VDC	24VDC	24VDC	24VDC	48VDC	48VDC
FLOATINNG CHARGE VOLTAGE	13.5VDC	27VDC	27VDC	27VDC	54VDC	54VDC
OVER CHARGE PROTECTION	16VDC	31VDC	33VDC	33VDC	63VDC	63VDC
SOLAR CHARGER & AC CHARGER						
SOLAR CHARGE TYPE	PWM	PWM	PWM	MPPT	MPPT	PWM
MAXIMUM PV ARRAY OPEN CIRCUIT	55VDC	80VDC	120VDC	145VDC	105VDC	145VDC
MAXIMUM PV ARRAY POWER	600W	1200W	1200W	1500W	2400W	3000W
MPP OPERATING RANGE	N/A	N/A	N/A	30~115VDC	N/A	60~115VDC
MAXIMUM SOLAR CHARGE CURRENT	50A	50A	50A	60A	50A	60A
MAXIMUMAC CHARGE CURRENT	20A	20A	25A	60A	60A	60A
MAXIMUM CHARGE CURRENT	50A	50A	70A	120A	110A	120A
PHYSICAL						
DIMENSION D X W X H (mm)	88x225x320	88x225x320	100x285x334	100x285x334	100x300x440	100x300x440
NET WEIGHT kgs)	5	5.5	6.5	9.5	9.7	8.5
COMMUNICATION INTERFACE	USB/RS232					
OPERATING ENVIRONMENT						
HUMIDITY	5% to 95% RELATIVE HUMIDITY (Non-Condensing)					
OPERATING TEMPERATURE	-10℃ to 15℃					
STORAGE TEMPERATURE	-15℃ to 60℃					

Product specification are subject to change without further notice