

This all new Hollandia Power Inverter exhibits the latest solar technology. With multiple functions and the latest LCD screen, this inverter combines high efficiency, low noise and easy operating features which allow you to select the battery type and appliance. The battery charger function will guarantee an uninterrupted power supply for all your running appliances.



FEATURES

- AC/Solar/Battery priority function
- 35A ~ 70A automatic 3 stage battery charger
- 12V/24V/48V input
- Max. AC charge current 70A.
- Inbuilt pure copper transformer

LCD DISPLAY INFORMATION

Table DIP switch function setting

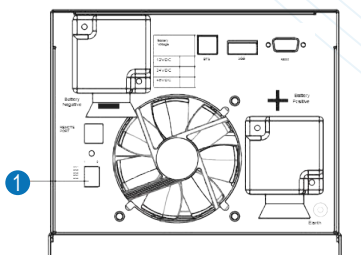
DIP Switch NO.	Switch Function	Position: 1	Position: 0
SW1	Low battery trip volt	10.0VDC	10.5VDC *2 for 24VDC, *4 for 48VDC
SW2	AC input range/ (AVR)	230VAC	145-272VAC
SW3	Power Saver auto setting	Detect load per 5secs	Detect load per 30secs
SW4	O/P Frequency setting	50Hz	60Hz
SW5	Solar/AC priority setting	Utility priority	Solar priority



1. Switch

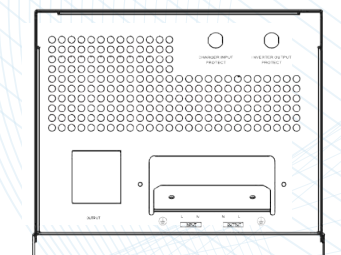
On the rear panel of inverter, there are 5 DIP switches which enable users to customize the performance of the device.

- 2. AC Charge
- 3. AC Power on
- 4. Inverter mode
- 5. Fault
- 6. Change current adjustable: 25%, 50%, 75%, 100% (Optional)
- 7. Battery Type selector
- 8. LCD Display



1. DIP Switches

On the rear panel of inverter, there are 5 DIP switches which enable users to customize the performance of the device.



1. RS232, Remote control and optional
Figure 3 DC side

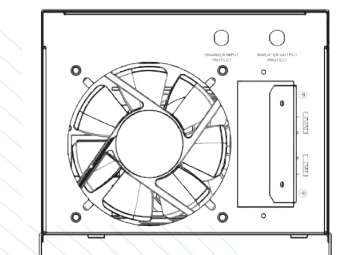
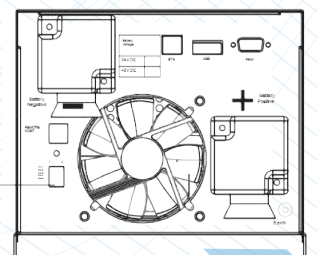


Figure 4 AC side

APPROXIMATE BACK-UP TIME TABLE

vPower Rate(w)	Backup Time (H) @ 1*100Ah	Backup Time (H) @ 2*100Ah	Backup Time (H) @ 4*100Ah	Backup Time (H) @ 4*200Ah	Backup Time (H) @ 8*200Ah
2000	0.2136	0.4806	1.602	3.50304	7.6896
3000	0.1068	0.2848	0.8544	2.136	4.8416
4000		0.2136	0.4806	1.602	3.50304
5000		0.12816	0.34176	1.19616	2.73408
6000		0.1068	0.2848	0.8544	2.136

SPECIFICATIONS

MODEL	HP1.5K		HPIC-2KW		HPIC-3KW			HPIC-4KW		HPIC-5KW		HPIC-6KW			
Default Battery System Voltage	12V	24V	12V	24V	12V	24V	48V	24V	48V	24V	48V	24V	48V		
INVERTER OUTPUT	Rated Power		1.5KW		2KW		3KW			4KW		5KW		6KW	
	Surge Rating (20ms)		4.5KVA		6KVA		9KVA			12KVA		15KVA		18KVA	
	Capable Of Starting Electric Motor		1HP		2HP			3HP							
	Waveform		Pure sine wave/ same as input (bypass mode)												
	Nominal Output Voltage RMS		100V/110V/120VAC or 220V/230V/240VAC								220V/230V/240VAC				
	Output Frequency		50Hz/60Hz +/-0.3 Hz												
	Inverter Efficiency(Peak)		> 88%												
	Line Mode Efficiency		> 95%												
	Power Factor		1												
Typical Transfer Time		10m s(max)													
AC INPUT	Voltage		120 V AC/230V AC												
	Selectable Voltage Range		96 ~132VA C 155~280VAC (For Personal Computers)						155~280 VAC (For Personal Computers)						
	Frequency Range		50H z/60Hz (Auto sensing) 40-80Hz						50 HZ/6 0 HZ (Auto sensing) 40-80Hz						
BATTERY	Minimum Start Voltage		10.0 V DC /10.5 VDC for1 2 VDC mode (*2 f or 24VDC , *4 for 4 8 VDC)												
	Low Battery Alarm		10.5 VDC +/-0.3 V for 12 VDC mo de (*2 for 24VDC, *4 for 48 VDC)												
	Low Battery Cutoff		10.0 VDC +/-0.3 V for 12 VDC mo de (*2 for 24VDC, *4 for 48 VDC)												
	High Voltage Alarm		16.0 VDC +/-0.3 V for 12 VDC mo de (*2 for 24VDC, *4 for 48 VDC)												
	High Battery Voltage Recover		15.5 VDC +/-0.3 V for 12 VDC mo de (*2 for 24VDC, *4 for 48 VDC)												
Idle Consumption-Search Mode		<25W when power saver on													
CHARGER	Output Voltage		Depends on battery type						Depends on battery type						
	Charger AC Input Breaker Rating		10 A		30 A			40 A							
	Overcharge Protection S.D.		15.7VD C for 12VDC mode (*2 for 24VDC,)												
	Maximum Charge Current		45A	25A	65A	35A	75A	45A	30A	65A	35A	70A	40A	75A	50A
BYPASS & PROTECTION	Input Voltage Waveform		Sine wave (grid or generator)						Sine wave (grid or generator)						
	Nominal Input Frequency		50Hz or 60Hz						50Hz or 60Hz						
	Overload Protection (SMPS Load)		Circuit Breaker						Circuit Breaker						
	Output Short Circuit Protection		Circuit Breaker						Circuit Breaker						
	Bypass Breaker Rating		10 A		30 A			40 A							
	Max Bypass Current		10 Amp		30 amp			40 amp							
MECHANICAL SPECIFICATIONS	Mounting		Wall mount												
	Dimensions (W*H*D)		423*224*180mm						597*2 24*181mm						
	Net Weight kg		16.2	15.5	20.3	19.1	25.3	23.7	24	37.2	34.8	44.15	44	44.15	44
	Shipping Dimensions(W*H*D)		570*315*300mm						755*3 19*288mm						
	Shipping Weight kg		19	18.1	23.1	21.8	28.1	26.5	26.5	40.8	38.4	47.8	47.8	48	47.8
OTHER	Operation Temperature Range		0 °C to 40°C												
	Storage Temperature		-15 °C to 60°C												
	Audible Noise		60 dB MAX												
	Display		LED+LCD												
	Loading(20GP/40GP/40HQ)		450pcs / 850pcs / 1000pcs						300 pcs / 650pcs / 800pcs						