

# HITTO HV series

Hybrid On & Off Grid Energy Storage Solar Inverter

4/6kW



## Max PV input current 27A

Designed with 27A PV input current compatible to the market trend of increased Imp of solar panel



## Easy access

Two outputs for smart load management  
The second output can be scheduled on/off based on setting point of battery transfer to utility



## Battery

Battery equalization function extend lifecycle  
Reserved communication port (RS485,CAN) for BMS



## Protect

Built-in anti-dust kit for harsh environment  
AC overcurrent, AC overvoltage, over temperature protection



## On-Grid and Off-Grid

HITTO HV series is suitable for on-grid and off-grid applications.

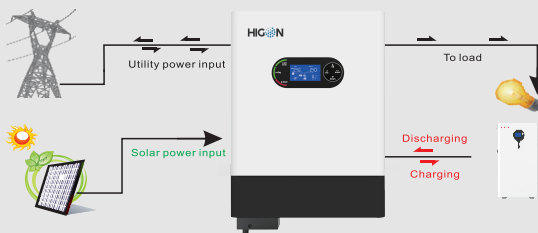


## Interface

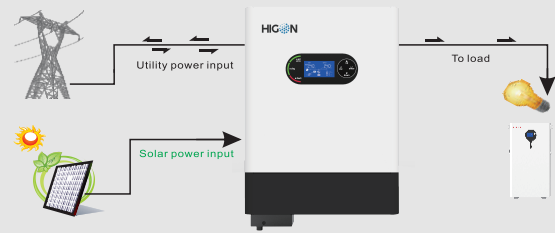
Global cloud platform mobile APP anytime and anywhere open APP, support power internet applications



## With battery connected



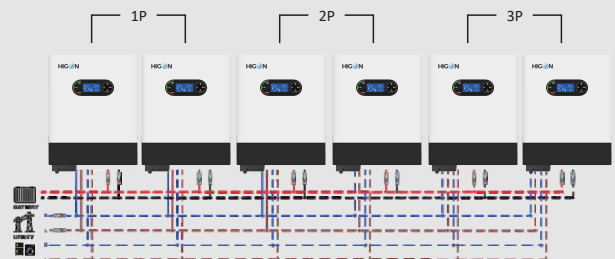
## Without battery connected



■ Single phase output up to 36KW using 6units



■ Three phase output using either 3units(18kw)or max 6units(36kw)



## ENERGY STORAGE INVERTER

Technical Specification	HITTO HV series	
Rated Power	4000VA/4000W	6000VA/6000W
<b>AC INPUT</b>		
AC Voltage	230VAC	
Voltage Range	170-280VAC(For Personal Computers);90-280 VAC (For Home Appliances)	
Frequency Range	50Hz/60 Hz (Auto sensing)	
<b>AC OUTPUT</b>		
Surge power	8000VA	12000VA
Voltage regulation(Battery Mode)	230VAC±5%	
Rated frequency	50/60Hz	
Efficiency(Peak)	up to 93.5%	
Transfer Time	10ms (For Personal Computers);20ms (For Home Appliances);	
<b>BATTERY</b>		
Battery voltage	24VDC	48VDC
Floating Charge voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Battery type	Lithium /Lead-acid	
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Maximum PV Array Open voltage(V)	500VDC	
Maximum PV Array power	5000W	6000W
MPPT voltage range(V)	60~450VDC	
Maximum input current	27A	
MPPT tracker/strings	1	
Maximum solar charge current	120A	
Maximum AC charge current	100A	
Maximum charge current	120A	
<b>PROTECTION &amp; FEATURE</b>		
AC overcurrent	Yes	
AC overvoltage	Yes	
Over temperature protection	Yes	
Smart load management	Yes	
On Grid	Yes	
Parallel Function	Yes ( optional )	
<b>GENERAL PARAMETER</b>		
Operation temperature	0°C~ 50°C	
Relative humidity	0 ~95%(non-condensing)	
Altitude	(>2,000m Derating)	
Dimensions D x W x H (mm)	434*311*126.5	
Net Weight(KG)	8.5	9
<b>DISPLAY AND COMMUNICATION</b>		
Display	Touch buttons	
Interface	Standard:RS232,CAN&RS485 ; Optional: WiFi ,Bluetooth	
Safety standard	EN/IEC 62109-1,EN/IEC 62109-2	