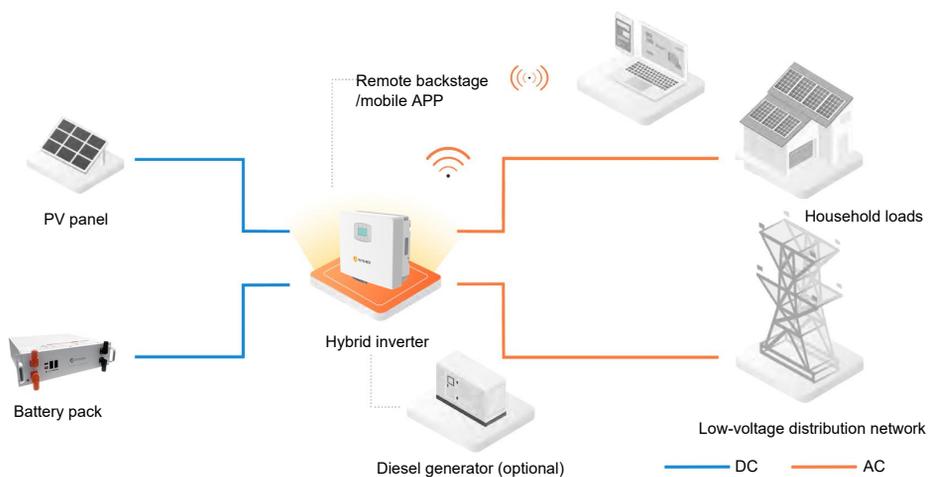


# Three Phase Hybrid Inverter



## Product Advantages

- The switching time between key load UPS on-grid and off-grid is less than 10 ms
- Natural heat dissipation without fan
- Support three-phase unbalanced load
- Support 1.1 times continuous overload for grid-connected and 1.5 times short-term overload for off-grid
- 2 MPPT/4 string inputs, 26 A Max input current



# Hybrid Inverter (Three Phase) 8-12kW

Model	TU-8K3P-02-HV	TU-10K3P-02-HV	TU-12K3P-02-HV
<b>DC Input</b>			
Max. input power	12kW	15kW	18kW
Max. input voltage	1000V		
Rated input voltage	600V		
Start-up voltage	180V		
MPPT voltage range	200-850V		
Max. input current	26A/26A		
Max. short-circuit current	39A/39A		
MTTP number / Max. number of PV series	2/4		
<b>Battery</b>			
Battery type	Li-ion		
Battery voltage range	200-600V		
Max. charging / discharging current	25A		
BMS communication	RS485/CAN		
<b>AC Output (Backup and off-grid)</b>			
Rated output power	8kW	10kW	12kW
Max. output power	1.5 times rated power, 10s		
Back-up switching time	<20ms		
Rated output voltage	3/N/PE 380V 60Hz/400VAC 50Hz		
THDv	<3%		
<b>AC Output (on-grid)</b>			
Rated output power	10kW		
Max. apparent output power	11kW		
Max. output current	16.7A		
Rated grid voltage / frequency	3/N/PE 380V 60Hz/400VAC 50Hz		
Output power factor	>0.99 (0.8 ahead ~ 0.8 lagging)		
THDi	<2%		
<b>Efficiency</b>			
Max. conversion efficiency	98.10%		
Chinese efficiency	97.50%		
<b>General</b>			
Dimensions (W*H*D)	556mm*482mm*196mm		
Weight	≤27.5kg		
Degree of protection	IP66		



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