INVERTER MODEL	TW-12KW-U
Rated Output Power	12KW
Maximum Peak Power	24KVA
Rated Output Voltage	120/ 240VAC(single-phase/split-phase)
Loading Motor Capacity	6HP
Rated Frequency	50 / 60Hz
Output Wave	Pure Sine Wave
Switching Time	10 ms (typical value)
Parallel Number	1~6 units
Overload Protection	5min@102%~110% load; 10s@110%~125% load; 5s@>125% load
Battery	
Battery Type	Lithium-ion battery / lead-acid battery / user-defined battery
Rated Battery Voltage	48Vdc
Voltage Range	40Vdc~60Vdc
Maximum PV Charge Current	220A
Maximum Mains / Generator Charge Current	120A / 120A
Maximum Mix Charge Current	220A
PV Input	
MPPT Channel Number	2
Maximum Input Power	9000W+9000W
Maximum Input Current	32A+32A
Maximum Open Circuit Voltage	500Vdc
MPPT Operating Voltage Range	125Vdc~425Vdc
Mains / Generator Input	
Input Voltage Range	90Vac~140Vac(single-phase)
Input Frequency Range	50/60Hz
Bypass Overload Current	63A
Efficiency	
MPPT Tracking Efficiency	99.9%
Maximum Efficiency Of Battery Inverter	97.5%
General	
Product Size(D*W*H)	670x460x286mm
Packing Size(D*W*H)	825x595x380mm
N.W.(KG)	38.5KG
G.W.(KG)	44KG
Protection Level	IP65
Ambient Temperature	-10°C~55°C, >45°C derating
Noise	<60dB
Cooling Mode	Intelligent
Communication	
Built-in Interface	RS485 / USB / Dry contact
External Module (Optional)	WiFi / GPRS