

# UNO ATOM SINGLE PHASE INVERTER



Single Phase String Inverter

## Uno Atom

0.6/ 0.7/ 1.1/ 1.5/ 2.0 / 2.5/ 3.0/ 3.3/ 3.6

*Small Inverter  
Big Performance*



High  
Efficiency



Low Start-Up  
Voltage



Remote  
Monitoring



Small &  
Lightweight



IP66  
Rated

0.6kW

0.7kW

1.1kW



**Uno-Atom-0.6/ Uno-Atom-0.7/ Uno-Atom-1.1/  
Uno-Atom-1.5/ Uno-Atom-2.0/ Uno-Atom-2.5/  
Uno-Atom-3.0/ Uno-Atom-3.3/ Uno-Atom-3.6**

TommaTech® Uno-Atom string inverters are engineered to be installed in the smallest of spaces without lacking performance. With a maximum efficiency of 98.0% and a market leading low start-up voltage of 50V, Uno-Atom inverters ensure an outstanding performance, allowing you to harvest the maximum amount of energy possible from your PV solution, whether is installed inside or outside.



Uno-A-0.6 Uno-A-0.7 Uno-A-1.1 Uno-A-1.5 Uno-A-2.0 Uno-A-2.5 Uno-A-3.0 Uno-A-3.3 Uno-A-3.6

### DC INPUT

Max. PV array power [Wp]	900	1050	1650	2250	3000	3750	4500	4950	5400
Max. DC voltage [V]		450		450				550	
Nominal DC operating voltage [V]		360		360				360	
Max. input current [A]		14		14				14	
Max. short circuit current [A]		16		16				16	
MPPT voltage range [V]		45-430		50-430				55-530	
Start operating voltage [V]		50		50				70	
No. of MPPTs		1		1				1	
Strings per MPPT		1		1				1	

### AC OUTPUT

Nominal AC power [VA]	600	700	1100	1500	2000	2500	3000	3300	3680
Max. AC power [VA]	660	770	1210	1650	2200	2750	3300	3330	3680
Nominal grid voltage [V]	220/230/240; 180~280								
Nominal grid frequency [Hz]	50/60								
Nominal AC current [A]	2.61	3.04	4.78	6.52	8.7	10.8	13.04	14.3	16.0
Max. AC current [A]	2.81	3.3	5.3	7.2	9.6	11.9	14.3	14.3	16.0
Displacement power factor	0.8 Leading ~ 0.8 Lacking								
THDi, rated power [%]	<3								

### EFFICIENCY

MPPT efficiency [%]	99.9								
Euro. efficiency [%]	95.0	95.0	95.5	96.0	96.5	96.5	96.5	96.5	96.5
Max. efficiency [%]	98.0								

### POWER CONSUMPTION

Standby consumption [W]	0								
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### STANDARD

Over voltage protection	Yes								
Over current protection	Yes								
DC isolation impedance monitoring	Yes								
Ground fault current monitoring	Yes								
DC injection monitoring	Yes								
RCD protection	Yes								
Safety	IEC62109-1/-2								
EMC	EN61000-6-1/2/3/4; EN61000-3-2/3/11/12								

### ENVIRONMENT LIMIT

Degree of protection (according to IEC60529)	IP66								
Operating temperature range [°C]	-25~+60 (Derating>45)								
Max. operation altitude [m]	<2000								
Humidity [%]	0~100 ( Non-Condensation)								
Storage temperature [°C]	-30~+70								
Typical noise emission [dB]	<30								

### DIMENSIONS AND WEIGHT

Dimensions (WxHxD) [mm]	267x328x126								
Weight [kg]	6								
Cooling concept	Natural								
Topology	Non-isolated								
Communication interfaces	RS485 / USB - Update / Optional: Mobile Wi-Fi / Mobile LAN / Remote Wi-Fi / Uno Smart Meter								
LCD display	Yes								
Standard warranty [years]	5 (Extendable)								