



## ADVANTAGES

- Consistently high efficiency and yield levels
- IP65 for outdoor use
- Excellent price/performance ratio
- Wide input voltage range
- Handy, lightweight devices
- Integrated DC isolation switch

ABB UNO-2.0-TL-OUTD-S

Inverter type	UNO-2.0-I-OUTD-S	UNO-2.5-I-OUTD-S	UNO-2.0-TL-OUTD-S	UNO-3.0-TL-OUTD-S	UNO-3.6-TL-OUTD-S	UNO-4.2-TL-OUTD-S
Article number	370006	370008	370095	370096	370097	370098
<b>Technical Data</b>						
Rated power $P_N$ [W]	2000	2500	2000	3000	3600	4200
Max. AC apparent power $S_{max}$ [VA]	2200	2500	2000	3000	3600	4200
Max. DC power P [Wp]	2300	2900	2200	3200	3900	4500
Max. efficiency / European efficiency [%]	96,3 / 95,1	96,3 / 95,4	97,3 / 96,0	97,3 / 96,0	98,4 / 97,5	98,4 / 97,5
MPP voltage range [V]	200 – 470	200 – 470	180 – 500	200 – 500	380 – 700	380 – 700
Max. input voltage [V]	520	520	600	600	850	850
Start input voltage [V]	120	120	150	150	380	380
Max. current per input [A]	12,5	12,8	12,5	16,0	12,5	12,5
Power factor cos $\phi$ ind./cap.	-1,0 / 1,0	-1,0 / 1,0	-0,8 / 0,8	-0,8 / 0,8	-0,8 / 0,8	-0,8 / 0,8
<b>Dimensions and characteristics</b>						
[W × H × D] [mm]	367 / 518 / 161	367 / 518 / 161	418 / 553 / 161	418 / 553 / 161	418 / 553 / 161	418 / 553 / 161
Weight [kg]	17	17	12	12	12	12
(Electrical) grid feed-in	single-phase	single-phase	single-phase	single-phase	single-phase	single-phase
Topology	transformer	transformer	without transformer	without transformer	without transformer	without transformer
Number of MPP-Tracker	1	1	1	1	1	1
Number of DC-Inputs	2	2	1	1	1	1
DC connection	MC4	MC4	H4 Amphenol	H4 Amphenol	H4 Amphenol	H4 Amphenol
Degree of protection	65	65	65	65	65	65
Interface <sup>1</sup>	RS485	RS485	RS485	RS485	RS485	RS485
Special features	grounding	grounding	P&P-connections	P&P-connections	P&P-connections	P&P-connections

<sup>1</sup> Optional VSN300 Data logger card