

# APOLLEEN 500 Specification

Model	Units	APOLLEEN 500	
<b>Input side(PV side)</b>			
Max. Allowable DC Voltage	V	1100	
PV Max. Power	kW	550	
MPP Range	V	570 ~ 850	
Rated DC Current	A	965	
<b>Output side(Grid)</b>			
Rated AC Voltage	V	375	380
AC operating Voltage Range	%	± 10	
Rated AC Current	A	770	760
Rated AC Power	kW	500	
Grid frequency	Hz	50 / 60	
Power Factor cosφ(@rated)	-	1	
cosφ Range	-	± 0.9 ~ 1	
Current Distortion(@rated)	%	< 3	
Connection Phase	-	3 phase 3 wire	
<b>Efficiency</b>			
Max. Efficiency	%	98.87	
Euro Efficiency	%	98.6	
<b>Size &amp; Weight &amp; Self-consumption</b>			
Size(W/D/H)	mm	2100 / 800 / 2000	
Weight(Estimated)	kg	2000	
Self consumption(Operating)	kW	< 2	
<b>Ambient operating conditions</b>			
IP Protection Class	-	IP20 (옥외형 옵션 가능)	
Ambient Temperature	℃	-10 ~ +40	
Humidity	%	0 ~ 95(Non-condensing)	
Max. Height above sea-level	m	2000	
<b>Communication</b>			
Default	-	Modbus TCP	
Optional	-	DNP, IEC61850	
<b>Standards</b>			
EMC	-	EN61000-6-2- conformity, EN61000-6-4- conformity, EN61000-3-3 - conformity, EN61000-3-12 - conformity	
Marking	-	KTC (KS C 8565 : 2015, KS C 8565 : 2016)	
<b>Equipment</b>			
Ground Fault Detection Device	-	Default	
SPD(DC side)	-	Default	
SPD(Control, Ethernet)	-	Default	

\*해당 제품의 사양 및 외형 이미지는 추후에 변경될 수 있습니다.