


**Belgian
market MAX**

MODEL	HYSL-3000		HYSL-3680		HYSL-4000		HYSL-5000-B	
BATTERY INPUT								
Battery type							Lithum/Lead-Acid	
Input voltage range (V)							40-60	
Max.charging/discharging current (A)	70			80				
Max.Charging/Discharging voltage (V)	<=60 (Adjustable)							
Charging strategy for Li-ion battery	Self Adaption to BMS							
PV INPUT								
Max. pv power (W)	6000	7360	8000	10000				
Max.Input voltage (V)	600							
Start Up Voltage (V)	70							
MPP Voltage Range (V)	80-550							
Rated Input Voltage (V)	360							
Max. Input Current (A)	16/16							
Max. Short Circuit Current (A)	20/20							
No. of MPPTs/No. Strings Per MPPT	2/1							
AC OUTPUT								
Rated power (W)	3000	3680	4000	5000				
Max. apparent power (VA)	3300	4048	4400	5000				
Rated grid frequency (Hz)	50/60	50/60	50/60	50/60				
Max. output current (A)	14.3	17.6	19.1	23.9				
Power factor	0.8ind-0.8cap							
THDi @ rated power	< 3%							
Grid connection	Single Phase							
AC OUTPUT(BACK-UP)								
Rated power (W)	3000	3680	4000	5000				
Rated output voltage (V)	230							
Rated output frequency (Hz)	50/60							
Peak output apparent power (VA)	2 times of rated power for 3000-4000W@10s;1.5 times for 5000@10s							
Rated output current (A)	13.0	16.0	17.4	21.7				
Switch time (ms)	< 10							
GENERAL DATA								
Dimensions(W*H*D)(mm)	455*365*182							
Weight (kg)	18.4							
User Interface	LCD&LED							
PV connection type	MC4							
AC connection type	OT Terminal + Shell							
Battery connection type	Plug-in							
Cooling	Natural Cooling							
Communication with meter	RS485							
Operating ambient temp (C)	-30 ~ +60							
CT connection type	Plug-in Connector							
Max.operating altitude (m)	3000 (>3000 Derating)							
protection class	IP65							
Night consumption (W)	< 5							
Max. parallel number	9							
Warranty	5 (10)years							
STANDARD COMPLIANCE								
Safety	IEC 61000-6-1/-3, EN 62920, EN 62109-1/-2, SUD TUV MARK, EN 55011							
Grid connection standards	EN 50549-1&-10/CEI 0-21							