

LIVOLTEK

Single-Phase Hybrid Inverter

3.0 / 3.68 / 4.6 / 5.0



**150% Oversized,
150% Yield**



**Energy
Independence**



**Backup
Power Supply**



**Flexible
Rate Tariff**



**Smart Home
Charge**



IP65



Plug & Play



Fanless design



Parallel Function



Export Power Control



110% AC overloading



Lead-acid/Lithium batteries



Max.Charge/Discharge 100A



Local & Remote monitoring



All-in-one & Split application



Essential & Non-Essential loads



Contact Headquarter:

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Specifications

Technical Data Sheet	Hyper-3000	Hyper-3680	Hyper- 4600	Hyper-5000
Max. PV Input Power (Wp)	4500	5520	6900	7500
Max. PV Input Voltage (V)	600			
Nominal DC Input Voltage (V)	360			
MPPT Voltage Range (V)	125~550			
No. of MPPTs/Strings per MPPT	1 / 1	2 / 1	2 / 1	2 / 1
Max. Input Current (A)	14	14/14	14/14	14/14
Max. Short Circuit Current (A)	17.5	17.5/17.5	17.5/17.5	17.5/17.5
AC Output @ Grid				
Nominal AC Power (W)	3000	3680	4600	5000
Max. Apparent Output Power (VA)	3300	4000	4600	5500
Nominal AC Voltage (V)	220/230/240			
Nominal AC Voltage Range (V)	186~290			
AC Frequency (Hz)	50/60 ±5			
Max. AC Current (A)	13.0	16.0	20.0	21.7
THDi, Rated Power(%)	<3			
Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)			
EPS Output @ Off Grid				
Nominal EPS Power (W)	3000	3680	4600	5000
EPS Peak Power [VA]	1.1 x Pnom, 10 sec; 1.5 x Pnom, 1 sec			
Nominal Output Voltage (V)	220/230			
Nominal Frequency (Hz)	50/60			
Nominal Output Current (A)	13.0	16.0	20.0	21.7
THDv(@Linear Load)(%)	< 3%			
Battery Data				
Battery Type	Lead-acid/Lithium			
Nominal Battery Voltage (V)	48			
Battery Voltage Range (V)	40~60			
Max.Charge/Discharge Current (A)	60	80	100	100
Communication with BMS	CAN			
Efficiency				
Max. Efficiency(%)	97.6	97.8		
Euro Efficiency(%)	97.1	97.4		
General Data				
Dimensions(W*H*D mm)	415*625*155			
Weight (kg)	29	30	30	30
Mounting Method	Wall-mounting bracket			
Protection Rating	IP65			
Cooling	Natural convection			
Operating Temperature Range (°C)	-25~+60°C (>45°C derating)			
Max. Operating Altitude (m)	2000			
Relative Humidity	0~100%,no condensation			
Display	LED & APP			
Communication	RS485 for Parallel/EV charger, CAN for BMS,USB for Wi-Fi,CT			
The range of output Voltage and frequency may vary depending upon different grid codes. Specifications are subject to change without advance notice				

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