

# SPE 3500~6000TL HVM-G2

## Hybrid solar inverter

- Dual MPP trackers
- Two AC input terminals with integrated transfer switch
- Support WiFi/4G Remote Monitoring
- Featuring Grid-Tied Function for Peak Shaving
- Support parallel operation for capacity expansion up to 54kW.
- Dual Outputs for Smart Load Management (Available for 6kW Model Only)
- Settable Charging Current & Charging Time for Generator and Grid



P O W E R  
- I N G O  
T O M O -  
R R O W O

**GROWATT**

[en.growatt.com](http://en.growatt.com)

preliminary

Datasheet	SPE 3500TL HVM-24G2	SPE 6000TL HVM-G2
<b>Input data (DC)</b>		
Max. recommended PV power (for module STC)	4000W	8000W
Start voltage	150±10V	80±5V
MPP voltage range	120V-450V	60V-450V
No. of MPP trackers	1	2
No. of PV strings per MPP tracker	1	2
Max. input current per MPP tracker	22A	16A+16A
Max. DC voltage	500V	
<b>Output data (AC)</b>		
AC nominal power	3500W	6000W
Max. AC apparent power	3500VA	6000VA
Output current	15.2A	26.1A
Nominal AC voltage	230V	
AC grid frequency	50/60Hz	
Adjustable power factor	0.8leading...0.8lagging	
THDi	< 5%	
<b>Battery data (DC)</b>		
Nominal DC voltage	24V	48V
Battery voltage range	20-32V	40-60V
Battery overcharge protection	32V	60V
<b>Backup power (AC)</b>		
AC nominal output power	3500W	6000W
Nominal AC output voltage	230V	
Nominal AC output frequency	50/60Hz	
Switch time	10ms typical, Max@ 20ms	10ms typical, RCD 20ms Max@ Single <30ms @ Parallel
<b>Efficiency</b>		
Peak efficiency	96.5%	
European efficiency	95.5%	
<b>General data</b>		
Dimensions (W / H / D)	370/125/430mm	422/125/460mm
Weight	10.5kg	13.5kg
Operating temperature range	-20°C ... +50°C	
Topology	Tranformerless	
Cooling	DC fan	
Protection degree	IP20	
Relative humidity	5%~95% non-considering	
Altitude	< 2000m	
Communication	WiFi/4G	