


# Comparison

Model	Growatt 50KTL3-L 	ABBTRIO-TM-50 	Sungrow SG50TL-M 	Delta RPI M50A 	Comments
Max output active power	50kW	50kW	55kW	50kW	
Number of MPPT	6	3	4	2	Growatt with up to 6 MPPTs, which can ensure max yields
Max efficiency	99%	98.3%	98.9%	98.6%	Growatt inverter with high efficiency
Euro efficiency	98.5%	98%	98.5%	98.4%	
String monitor	yes	optional	Yes	no	With string monitor each string can be monitored, easier for timely maintenance of faulty modules
Inbuilt Anti-PID function	yes	no	no	no	With anti-PID function inbuilt, no need extra anti-PID devices
IV curve diagnosis	yes	no	no	no	Help on PV and grid failure analysis
Waveform record	yes	no	no	no	
USB port	yes	no	no	no	Local data storage and commissioning
Mounting	Horizontal	Horizontal	Vertical	Vertical	Flexible to utilize smaller space under PV array