IPower & IPT Series Inverter Comparison
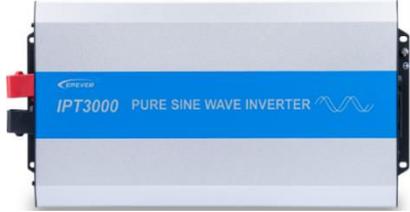
Function	IP Series	IPT Series
THD★	≤5%(220V)(at rated voltage with full loading) ≤5%(110V)(at rated voltage with full loading) Note: this factor will affect cost of the products a lot, the THD is lower than IPT series	≤3%(220V)(all range input rated voltage with full loading) ≤4%(110V) (all range input rated voltage with full loading)
Power factor★	0.8	1
Output voltage fluctuation★	±5% Note: this factor will affect cost of the products a lot, the THD is lower than IPT series	±3%
RS485 communication	Higher than 1KW, the com. Port is selectable, but the com. Port can not be connected with remote meter MT91	YES，can realize remote control through remote meter MT91, App and PC software.

USB output	SELECTABLE	NO
Function	**IP Series** 	**IPT Series**
External switch port And Connection port RJ11*	NO	YES, the function is to connect the ON/OFF switch board, realizing the input ON/OFF to save energy RJ11 reserved.
Power range	350-2000VA	350~5000W,220V 350~4000W,110V
Output performance	Dynamic response slower than IPT series, the output voltage happens with small fluctuation when load ON/OFF suddenly	Dynamic response is high, the output voltage is smooth when load ON/OFF suddenly
Reliability	lower electronic redundancy leads to lower reliability and stability	Higher electronic redundancy leads to higher reliability and stability
Electronics use	Some electronics with relatively longer life span	All electronics with relatively longer life span

Function	IP Series	IPT Series
Multiple output	NO	YES (higher than 1000w, 2outputs can be selected) For 110v output Terminal+GFCI socket America+America socket. Terminal+America socket. For 220v output: Terminal+Terminal socket, European+European socket, Terminal+European socket French+French socket Terminal+French socket Australia+Australia socket, Terminal+Australia socket UK+UK socket, Terminal+UK socket