



On-grid Inverter

QB-30/33/36/40KTLC-Pro

Pro series

Three-phase & multi-MPPT



Expandable Warranty



Real Time Whatsapp Alert

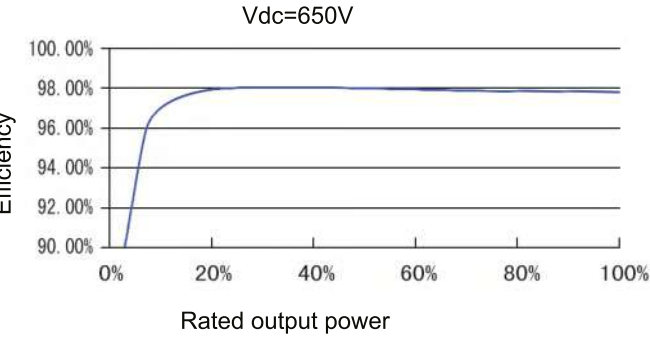


High Conversion Efficiency




All in One Mobile App

EFFICIENCY CURVE




IS 15221(PART-2):2015/IEC 62109-2:2011  
IS 16189:2014/IEC 62116:2000



R -41270628  
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TECHNICAL DATA

Model Name	QB-30KTLC-Pro	QB-33KTLC-Pro	QB-36KTLC-Pro	QB-40KTLC-Pro
Input				
Max. DC input power	45000W	49500W	54000W	60000W
Max. DC input voltage	1100V			
Max. DC input current	40/40/20A			
MPPT voltage range	200-1000Vdc			
Recommended MPPT operating voltage	650V			
Starting voltage	180V			
No.Of MPPT	3			
Max. no. of strings per MPPT	2			
Output				
Rated output power	30000W	33000W	36000W	40000W
Max. output power	33kVA	36.3kVA	39.6kVA	44kVA
Max. output current	48A	53A	56A	66A
Rated grid voltage	400Vac			
Grid voltage range	310~480Vac			
Rated grid frequency	50Hz/60Hz			
Grid frequency range	45~55Hz/55~65Hz			
THD	< 2% (Under the rated power)			
Power factor	> 0.99 (Under rated power) / Adjustable range: 0.8 leading-0.8 lagging			
DC current injection	< 0.5% (Under the rated power)			
System Data				
Max. efficiency	98.60%	98.60%	98.60%	98.70%
Euro. efficiency	98.10%	98.10%	98.10%	98.10%
Humidity range	0-100% non-condensing			
Cooling type	Intelligent forced air cooling			
Temperature range	-25~+60℃			
Power consumption at night	< 1W			
Max. working altitude	4000m			
Display	LED(optional: LCD)			
Communication interface	WIFI(optional: RS485 or GPRS)			
Protection				
DC reverse-polarity protection	Yes			
Short circuit protection	Yes			
Output over current protection	Yes			
Output over voltage protection	Yes			
Insulation resistance monitoring	Yes			
Residual current detection	Yes			
Surge protection	Yes			
Grid monitoring	Yes			
Islanding protection	Yes			
Temperature protection	Yes			
Integrated DC switch	Yes			
Mechanical Data				
Dimensions (W*H*D)	460*476*228.5mm			
Weight	23kg			
Protection class	IP66			
Standard				
Safety standard/EMC standard	NB/T32004-2018, IEC62109, IEC61000, IS16169 & IS16221(BIS)			
Grid-connected standard	IEC61727, EN50549-1, VDE-4105, NRS-097-2-1, OVE-Richtlinie R25, UNE217001/2, Ordinance No.140			
Other standard	IEC61683, IEC62116, EN50530, IEC60068			