

TECHNICAL DATA

MODEL		ITD G-0605X
Inverter Module	Rated Output Power	6KVA/6KW
	Surge Power	12KVA
	Output Voltage Waveform	Pure Sine Wave
	Output Voltage	230VAC
	Output Frequency	50HZ
	DC Voltage	48Vdc
	Transfer Time	10ms (for personal computer) / 20ms (for home appliances)
	Size (HxWxD)	395*460*147mm
	Weight	15.3KG
Battery Module	Battery Type	Lithium ion phosphate battery
	Energy	5.12KWh
	Nominal Battery Voltage	51.2Vdc
	Nominal Capacity	100Ah
	Max.Charge Current	100A
	Max.Discharge Current	100A
	Parallel Option	16pcs max
	Size (HxWxD)	480*460*147mm
	Weight	49.5KG
AC Input (grid & generator)	Max AC charge current	80A
	Max (AC+PV) charge current	100A
	Protection	Overload, short-circuit, over-current, over-voltage, under-voltage, over-frequency, under-frequency, lightning, surge power
Solar Input	Type of PV Array Input Terminal	MC4
	Max. PV Array Open Circuit Voltage	500Voc
	Max PV Input Current Per String	16A
	No. of PV Array Input	2 Strings
	Max PV Array Power	4000W per string, 8000W total
	MPPT Working Range	120-450Vdc
	Battery Over-Charge Protection	60Vdc
	Max Solar Charge Current	100A
General	Noise (dB)	< 40dB (1 meter)
	Humidity	0~95% (no condensation)
	Operation Temperature	-10 C ~+50 C
	Altitude (m)	1500
	Warranty	5 years (2 years for inverter part)