Q.HOME CORE H5

THE MODULAR AND SCALABLE ENERGY STORAGE SOLUTION





EASY INSTALLATION

Equipment design emphasizing improved simplicity of installation

HIGH EFFICIENCY Competitive round-trip efficiency all-around system



DYNAMIC OPTIMIZER MODE

Algorithm leveraging real-time weather information such as solar radiation to optimize battery availability



ENERGY SCALIBILITY

Scalable energy from 6.8 kWh, 13.7 kWh and 20.5 kWh to suit specific energy consumption



ATS-FREE SEAMLESS CONTROL

Seamless operation mode conversion for continuous and stable backup without ATS on both circumstances, grid fault and restoration



EXTENDED WARRANTY

Fully-wrapped long term warranty: 15 years

ENHANCED RELIABILITY

Excellent system reliability resulting from enhanced battery stability

THE IDEAL SOLUTION FOR:



Rooftop arrays on residential buildings



TECHNICAL SPECIFICATIONS

	Q.HOME CORE H5
[mm]	460 × 700 × 221, 238 (From Wall)
[kg]	37.5/61.1
[°C]	Q.VOLT: -20 to 60, Q.SAVE: -10 to 45
	4 to 100 (Condensing)
	IP65
	Wall-Mounted or Floor-Mounted Options
[m]	2,000
[]	Natural Air Cooling
	15/15 years
	≤ 40 dB (A) @ 1m
	OVC II (DC)/OVC III (AC)
	LAN, RS485, CAN, Wi-Fi (optional), LTE (optional)
	Web, Mobile & App
	Online update
	Integrated
	Republic of Korea
	8.0 (4.0 per MPPT)
[Vdc]	600
[V]	120/90 to 550
	2
	1
[A]	15/20
	MC4
[kVA/kW]	5.0/5.0
[V]	230/180 to 260
[Hz]	50, 60/-5Hz to +5Hz
	Single/Single
[A]	21.7/25/30
	0.8 lagging to 0.8 leading
[%]	≤5
	Single
[kVA/kW]	3.3 to 4.5/3.3 to 4.5 @ 1 Battery Pack, 5/5 @ 2 Battery Pack
	5.0/5.0 (max)
	230
	50, 60
[1 12]	less than 0.1 seconds
	YES
	115
[0/]	00.0
	99.9
	97
	97.8
[%]	96.3
	Lithium-ion
[kWh]	6.8/13.7/20.5 (6.86kWh/pack)
[kWh]	6.51/13.03/19.55
[kW]	2.8 to 3.8/3.3 to 4.5 @ 1 Battery Pack, 5/5 @ 2 Battery Pack
	Non-isolated
[Vdc]	202.8/168.0 to 228.2
[A]	16.9/20
[%]	95
	Q.VOLT H5S
	Q.SAVE B6.8S
	AS/NZS 4777.2:2020, CE, IEC 62109-1, IEC 62109-2, IEC 62040-1,
	[kg] [°C] [%] [%] [m] [m] [m] [m] [m] [m] [m] [m] [m] [kWp] [Vdc] [V] [V] [A] [A] [KVA/kW] [V] [KVA/kW] [V] [KVA/kW] [V] [KVA/kW] [KVA/kW] [KVA/kW] [KVA/kW] [KV] [KV] [KV] [KV] [K] [K] [K] [K] [%] [%] [%] [%] [%] [%] [%] [%] [%] [%] [K] [%] [%] [%] [%]

NOTE: Installation instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of this product.

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