

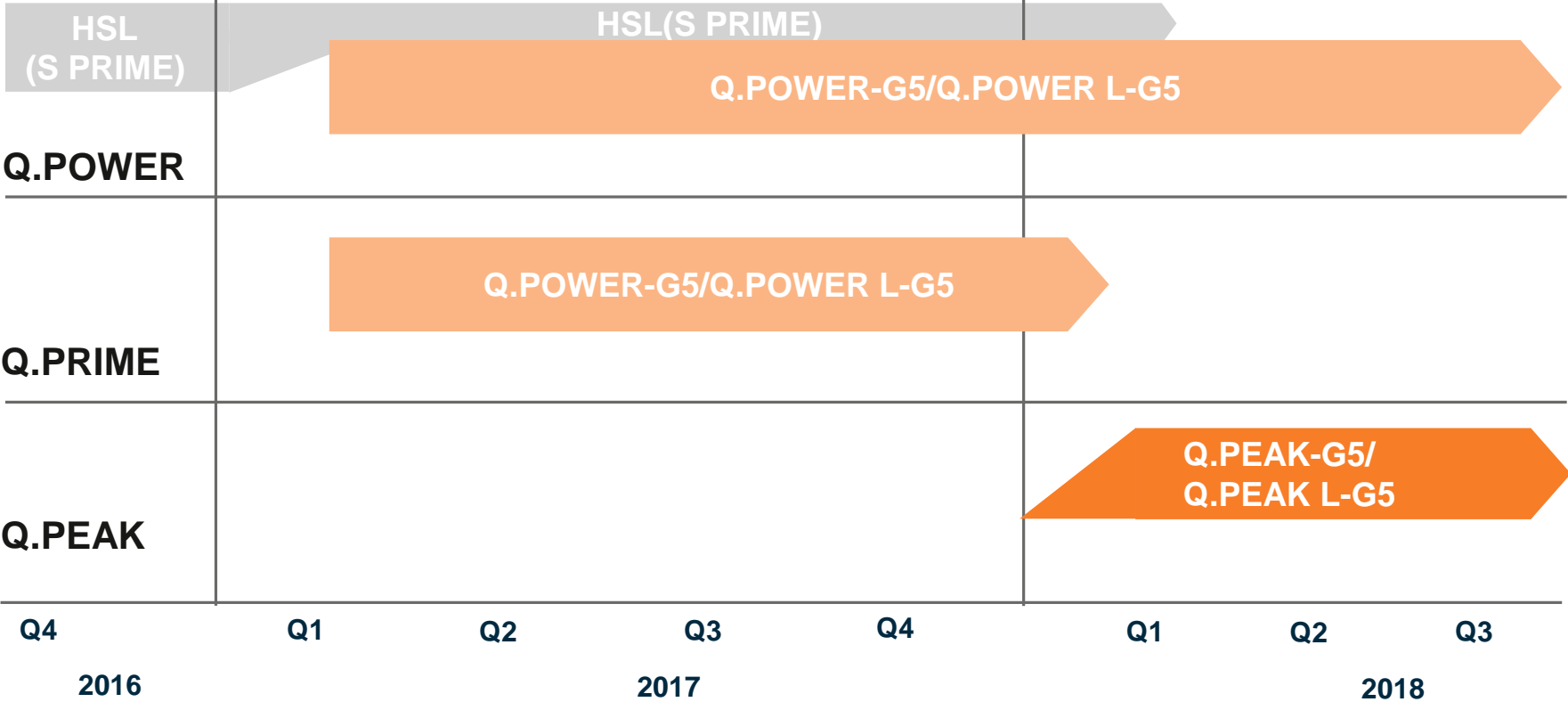
PRODUCT INFORMATION

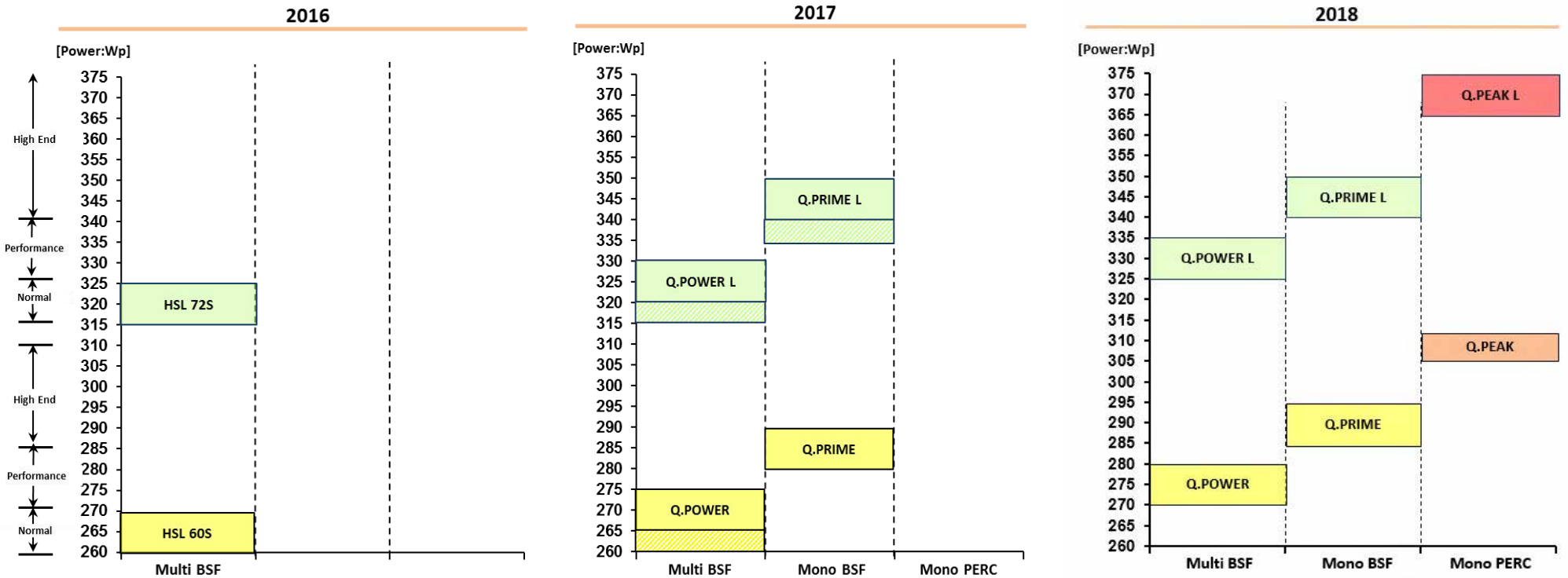
Q.PEAK-G5



Q.PEAK L-G5



QD, January 2018
Module Engineering





- . In 2018, Q.PEAK G5 series will launch with  technology in China(Qidong) factory
- . The first time in world 6BB technology will combine together with 
- . Q.PEAK G5 series will offer you better performance and reliability than ever before

ITEMS	Q.PRIME		Q.PEAK	
	60	72	60	72
CELL TYPE	Mono BSF		Mono Q.ANTUM	
CELL BUSBAR DESIGN	6BB		6BB	
MODEL NAME	Q.PRIME-G5	Q.PRIME L-G5	Q.PEAK-G5	Q.PEAK L-G5
POWER RANGE_main distribution [Wp]	280-285	335-345	295-305	360-365
MODULE EFFICIENCY [%]	17.1 - 17.7	17.2 - 17.7	18.0 - 18.7	18.5 - 18.8
SYSTEM VOLTAGE [V]	1000/1500	1000/1500	1000/1500	1000/1500
LOAD (SNOW/WIND) [Pa]	5400/4000	5400/2400	5400/4000	5400/2400
HAIL IMPACT	25mm@ 23m/s	25mm@ 23m/s	25mm@ 23m/s	25mm@ 23m/s
TCOE (Pmax)	-0.40%/°C	-0.40%/°C	-0.39%/°C	-0.39%/°C
MODULE DIMENSION [mm]	1650 x 991	1960 x 991	1650 x 991	1960 x 991
FRAME DESIGN	35T	35T	35T	35T
MODULE WEIGHT [Kg]	18	22.5	18	22.5
PCS/PALLET	30	30	30	30
PCS/CONTAINER 40'HQ	840	660	840	660

. Note : TCOE/MLT/Hail impact could be changed according to additional results

Q.PEAK-G5 / Q.PEAK L-G5

THIS HIGH-PERFORMANCE MONO MODULE WILL TURBOCHARGE YOUR YIELDS. THANKS TO Q.ANTUM Mono TECHNOLOGY AND ITS HIGH POWER CLASSES, IT'S IDEAL FOR RESIDENTIAL APPLICATIONS.



G5 : Power ratings of up 305 Wp and an efficiency of up to 18.7 %

L-G5 : Power ratings of up 365 Wp and an efficiency of up to 18.8 %



Maximum yields under real conditions and low levelized cost of electricity (LCOE)

Excellent performance in low light and extreme temperatures

More performance, efficiency, and reliability – Engineered in Germany



Mono: MINIMIZED LID (Light induced Degradation) effect - due to innovative technology

Q.PEAK

Better power range/reliability thanks to Q.ANTUM 6BB cell design

- It will offer you better performance and reliability than ever before

Cost saving by 1500V system using more 50% module quantities increase per each array

- Reduce PV system cost [BOS, Labor, maintenance]

Proven performance to long term anti PID test by 3rd party

- Outstanding endurance against induced potential for during 1000h under 1500V and 1500h under 1000V with DH condition

Superior performance with Anti-LID technology

- Minimized LID effect by new technology with preventing B-O (Boron - Oxygen) complex activation

VS. Existing

Conventional structure cell

1000V system voltage

IEC standard
60°C/85%/
96h/1000V

Normal process cell

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Module Engineering, QD

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