



Test Item	LID	Report NO	120602-2
Report Date	2012.07.06	Page	1 / 2
Test Engineer	Chen qian	Sanction	Xavier(xiang guangming)

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Model	BYD P6-30
Quantity	8PCS
Serial No.	SH120516P630FS72-226
	SH120222P630FS67-122
	SH120225P630FS68-168
	SH120524P630FS69-448
	SH120526P630FS72-850
	SH120527P630FS70-199
	SH120528P630FS71-287
	SH120516P630FS71-434

### 1. Visual inspection [10.1]

Series No.	Grade	Specification
SH120516P630FS72-226	A	OK
SH120222P630FS67-122	A	OK
SH120225P630FS68-168	A	OK
SH120524P630FS69-448	A	OK
SH120526P630FS72-850	A	OK
SH120527P630FS70-199	A	OK
SH120528P630FS71-287	A	OK
SH120516P630FS71-434	A	OK

### 2. Diagnostic measurements [10.2]

Operator	Han han, Chen qian
Date	2012.06.04

#### Performance at STC (1000W/m<sup>2</sup>, 25°C)

Serial No.	Pmax(W)	Vmmp(V)	Immp(A)	Voc(V)	Isc(A)	FF(%)
SH120516P630FS72-226	242.54	29.46	8.23	37.27	8.79	74.08%
SH120222P630FS67-122	238.41	29.27	8.15	37.19	8.66	74.03%
SH120225P630FS68-168	237.71	29.06	8.18	37.19	8.73	73.19%
SH120524P630FS69-448	241.06	29.35	8.21	37.22	8.75	74.02%
SH120526P630FS72-850	243.20	29.54	8.23	37.31	8.80	74.09%
SH120527P630FS70-199	242.54	29.51	8.22	37.35	8.76	74.14%



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SH120528P630FS71-287	241.53	29.49	8.19	37.35	8.76	73.82%
SH120516P630FS71-434	241.45	29.39	8.22	37.17	8.80	73.83%

### 3. After outdoor exposure test (Test Condition: sun soak 93.16Kwh/m<sup>2</sup>)

Performance at STC (1000W/m<sup>2</sup>, 25°C)

Start test	2012.06.04	End test	2012.07.05
Duration(h)	720		

Date	2012.07.06	Operator	Han han Liang xiaogang
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Serial No.	Pmax(W)	Vmmp(V)	Immp(A)	Voc(V)	Isc(A)	FF(%)
SH120516P630FS72-226	240.56	29.48	8.16	37.18	8.72	74.18%
SH120222P630FS67-122	234.96	29.11	8.07	37.04	8.60	73.77%
SH120225P630FS68-168	235.41	29.07	8.10	37.06	8.66	73.32%
SH120524P630FS69-448	238.14	29.35	8.11	37.09	8.64	74.31%
SH120526P630FS72-850	239.11	29.35	8.15	37.18	8.67	74.16%
SH120527P630FS70-199	239.70	29.49	8.13	37.25	8.66	74.33%
SH120528P630FS71-287	238.82	29.45	8.11	37.21	8.68	73.97%
SH120516P630FS71-434	238.08	29.27	8.14	37.08	8.69	73.89%

Serial No	Pmax initial (W)	Pmax after outdoor exposure test (W) sun soak 93.16Kwh/m <sup>2</sup>	Change(%)
SH120516P630FS72-226	242.54	240.56	-0.82
SH120222P630FS67-122	238.41	234.96	-1.45
SH120225P630FS68-168	237.71	235.41	-0.97
SH120524P630FS69-448	241.06	238.14	-1.21
SH120526P630FS72-850	243.20	239.11	-1.68
SH120527P630FS70-199	242.54	239.70	-1.17
SH120528P630FS71-287	241.53	238.82	-1.12
SH120516P630FS71-434	241.45	238.08	-1.39