SOLAR PV AND BATTERY SYSTEM

8 x 405w (3.24kw) DMEGG Solar Panels
3.2kwh Lux Battery Storage System

£8,995

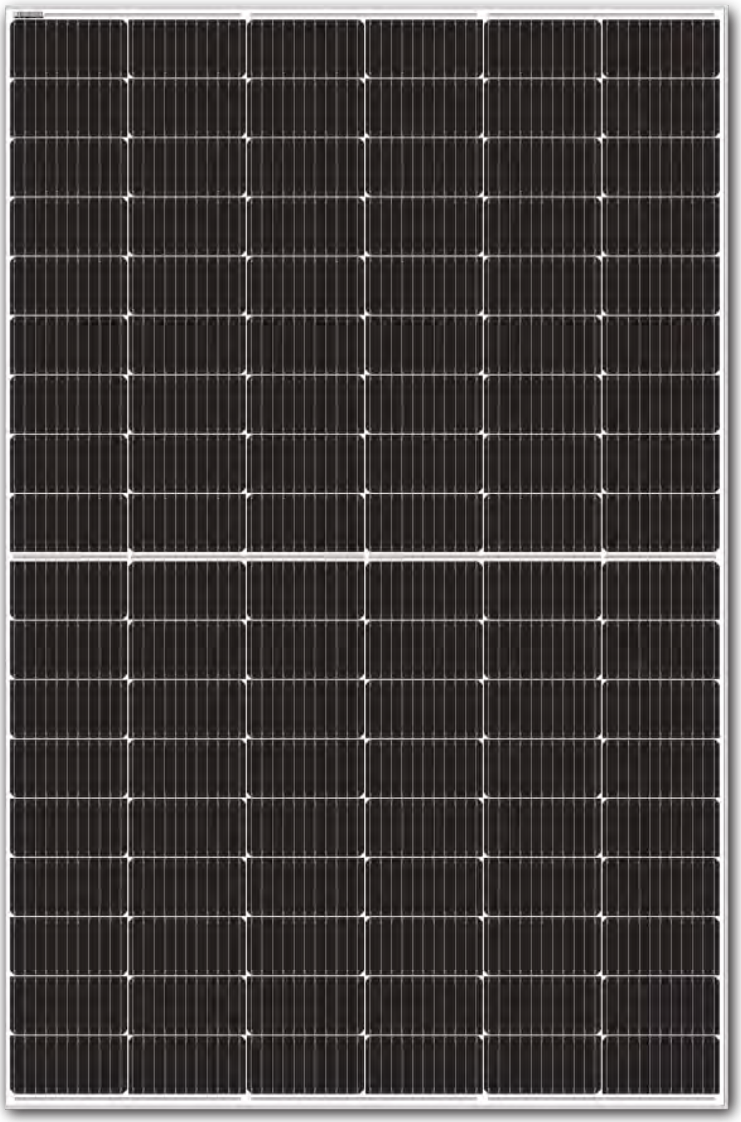
PLUS+SOLAR

Call Today : 0800 2461156 | **Email** : enquiries@plussolar.co.uk
Address : PlusSolar, 5 Omnia One, Queen Street, Sheffield, S1 2DU
Website : www.plussolar.co.uk

DM405M10-B54HSW

395 | 400 | 405 Wp

double glass; half cut monocrystalline cells, white backsheet, anodised aluminum frame



TECHNOLOGY
High module conversion efficiency

VALUE
Our vertically integrated business model results in competitive pricing

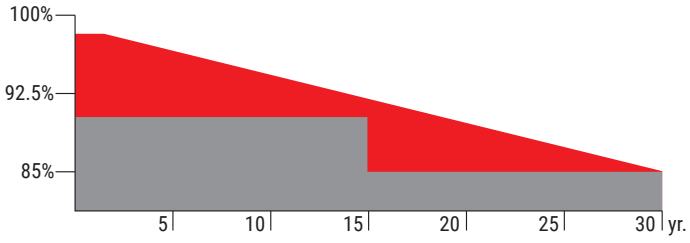
POWER POSITIVE TOLERANCE
Guaranteed power output 0 - 3 %

PERFORMANCE
Good performance under low light conditions

QUALITY
Manufacturing according to international quality and environmental management systems

HALF CELL TECHNOLOGY
Reduces power loss

PID FREE
According to IEC TS 62804-1 standards



WARRANTY

- 30 years warranty of 85% power output
- 15 years manufacturers warranty

DMEGC Solar's linear guarantee
standard solar panel guarantee

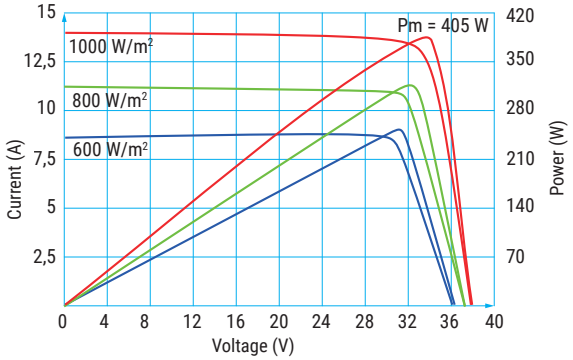
Electrical specifications

Module type	Pm (W)	Pm + 10%*	Pm + 20%*	Pm + 30%*	Tolerance	Imp (A)	Vmp (V)	Isc (A)	Voc (V)	Efficiency
DM395M10-B54HSW	395	435	474	514	0 - 3 %	13.10	30.18	13.50	37.09	20.23 %
DM400M10-B54HSW	400	440	480	520	0 - 3 %	13.19	30.35	13.59	37.21	20.48 %
DM405M10-B54HSW	405	446	486	527	0 - 3 %	13.28	30.52	13.68	37.33	20.74 %

*) Example of power increase due to BiFacial gain

STC irradiance of 1000W/m² spectrum AM 1.5 and cell temperature of 25°

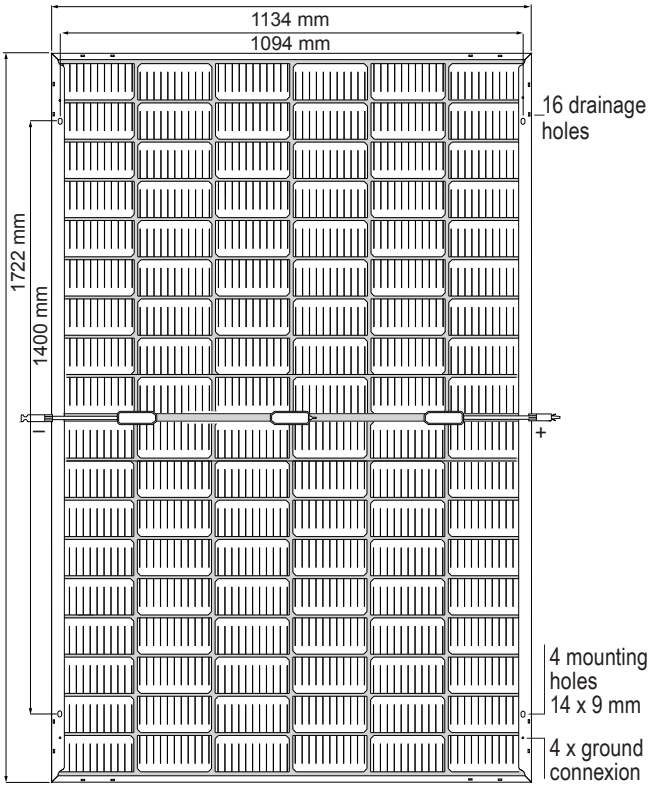
Current - voltage & power voltage curves



Mechanical data

cell type	P type mono crystalline
cell arrangement	6 x 18
module structure	glass / glass
glass thickness (front + back)	2.8 mm + 2 mm
PV module classification	class II
junction box rating	IP67 / IP68
cables	4 mm² | 1100 mm*
conector type	MC4 / MC4 Compatible
fire class rating	class A

* optional customized length



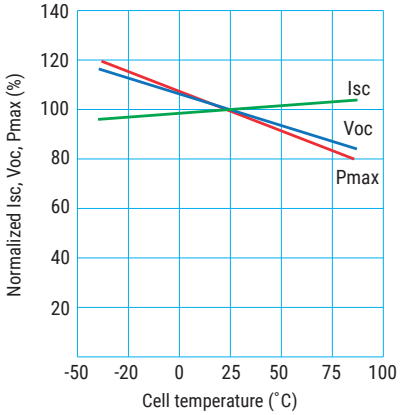
Maximum ratings

operational temperature	-40 ˚C to +85 ˚C
max. snow load	5400 Pa
max. wind load	2400 Pa
max. system voltage	1000V DC (IEC)
max. series fuse rating	30 A
diodes	3

Temperature characteristics

temperature coefficient of Isc	+ 0.0448 % / ˚C
temperature coefficient of Voc	– 0.246 % / ˚C
temperature coefficient of Pmax	– 0.330 % / ˚C

Temperature dependence of Isc, Voc, Pmax



Packaging

module dimensions	1722 x 1134 x 30
weight	28.7 kg
container	40' HQ
pieces per pallet	36
modules per container	936

Declaration: Due to continuous technology innovation, the above indicated parameters are subject to change without prior announcement. Upon contract/ order confirmation, our company 's latest data shall be the final version.

DMEGC

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Fax: 0086 579 8655 4845
Mail: solar@dmegc.com.cn

S O L A R

Greenlinx

Low Voltage Battery

01 **HPD Technology (High Power Density)**

02 **100% Useable Capacity 3.2KW**

03 **Integrated Modem/Online Monitoring**

04 **Low Temperature Protection**

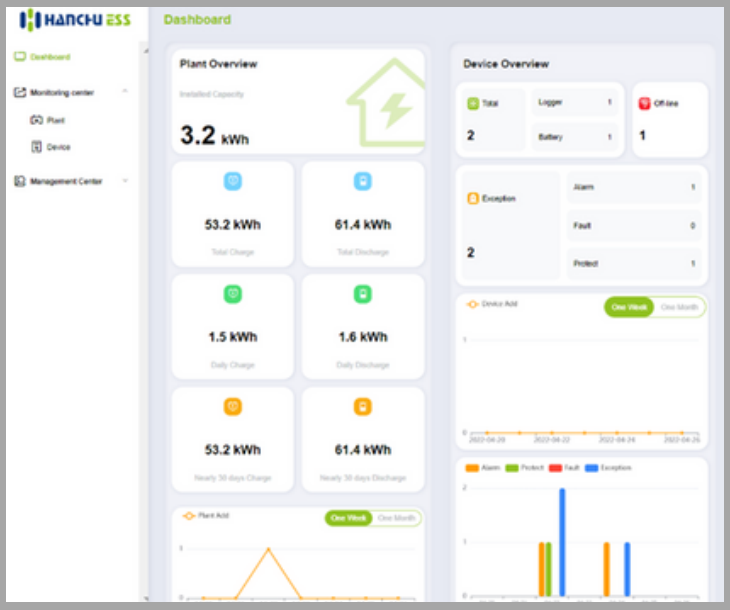
05 **Long and short cables included**

06 **SOC and Status Display**

07 **10 years manufacturer warranty**

08 **40A Charge 60A discharge per unit**

Greenlinx Harnitek uses HPD lithium to achieve market leading charge and discharge levels. Smaller than other batteries this great looking battery has inbuild modem to allow single batteries to be monitored online. Long and short cables provided with every unit, just plug and play set up for the most efficient battery we have ever distributed.



Office landline:
01274 833115

More Information:
www.infinityinnovations.co.uk

Model	LV-L3.2-1P
Nominal Capacity	3.2kWh
Usable Capacity	3.2kWh
Cell Type	LFP(LiFeP04)
Depth of Discharge	100%
Operating Voltage Range	48 to 57.6V
Nominal Voltage	51.2V
Nominal Charging Current	40A
Nominal Discharging Current	60A
Max.Continuous Discharging Current	IOOA
Weight	34.9Kg
Dimension	484*302*165mm
Operating Temperature	Charge: From o to 50c Discharge: From -10 to 50c
Humidity	
Cooling Type	Natural
IP rating of enclosure	IP54
Warranty	10years
Communication Port	CAN/RS485
Capacity (LVES—L Series)	3.2kWh/6.4kWh/9.6kWh/12.8kWh/16kWh/ 19.2kWh/22.4kWh/25.6kWh
Safety	'EC 62619
Transportation	UN38.3