



# solas

S O L A R   S C A L E

*Solas* is a commercial scale that does not require an external power supply or batteries.

*Solas* is powered by a solar battery. And, the scale can also be powered manually using the built-in dynamo (electric generator), when required.

The trend and customer needs for products in the markets and stores

where this scale would be used show an increasing consideration for the environment.

*The Solas* is a commercial scale designed with the environment in mind.

## SOLAR POWER

Solar panel with high-density array of crystalline silicon cells brings high conversion efficiency of solar energy to the Solas.



## DYNAMO TECHNOLOGY

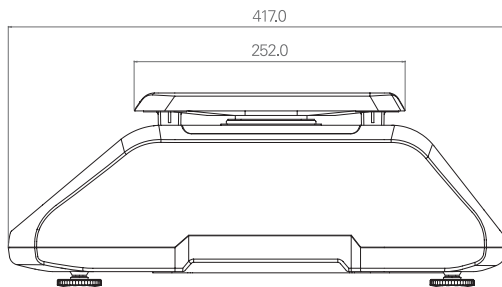
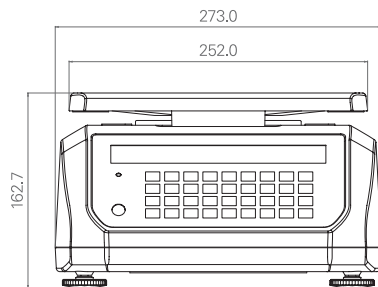
In addition to the basic solar panel power source, the scale can also be operated using the dynamo to supply power, when required. The platter is removed and placed on the dynamo section. When the platter is pressed, energy is supplied to a storage battery, which drives the operation of the scale.





Solas [DS-785] SPECIFICATION

	Max 6kg	Max 15kg	Max 30kg	Max 6 lb	Max 15 lb	Max 30 lb	Max 60 lb
Capacity							
Single-Interval	e=2g	e=5g	e=10g	e=0.002 lb	e=0.005 lb	e=0.01 lb	e=0.02 lb
Multi-Interval	e=1/2g	e=2/5g	e=5/10g	e=0.001/0.002 lb	e=0.002/0.005 lb	e=0.005/0.01 lb	e=0.01/0.02 lb
Display Resolution	1 / 3,000						
Loadcell	2.5k resistance loadcell						
Power Source	Solar Energy or Physical Pressure onto the platter						
Operating Condition	Temperature : -10°C ~ +40°C / 15 ~ 85% RH						
Power Consumption	18mW when using backup lithium battery 3.7V						
Dimensions (mm)	Overall Size : 273.0(W) x 417.0(D) x 162.7(H) Platter Size : 252 x 222						
Weight (kg)	5.9						
Solar Panel	Rating OC Voltage : 6V / Size : 186 x 62 mm						
Display Device	LCD						



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