Deka® SOLAR PHOTOVOLTAIC BATTERIES

GC10

- Reinforced case resists bulging and meets safety requirements
- Case & cover heat sealed and 100% tested to prevent leaks
- Puncture resistant microporous polyethylene separators extend life
- Computer-aided design and manufacturing control processes and standards to ensure quality products
- Designed to provide reliable, long lasting back-up power for Photovoltaic (PV) and Renewable Energy applications where frequent deep cycles are required and minimum maintenance is desirable
- Applications: Water Pumping, Residential / Small Village, Cathodic Protection, Remote Monitoring, Lighting, Wind Generation, & Railway Signal

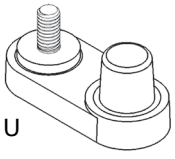
SPECIFICATIONS

Nominal Voltage: 6-Volt
Rating: 215 Ah @ 20 HR rate to 1.75 V.P.C.
Positive Plate: Antimony Alloy
Negative Plate: Antimony Alloy
Specific Gravity: 1.275 at 77°F (25°C) fully charged
Case/Cover: Polypropylene
Safety Vent: Individual quarter – turn bayonet
Post Torque: 5/16-18 Stud – 120 in lb
3/8-16 Stud – 180 in lb
SAE – 50 in lb

PHOTOVOLTAIC CHARGING PARAMETERS		
Bulk Charge	Max. Current (AMPS)	30% of 20HR Rate
Absorption (Regulation) Charge	Constant Voltage	2.40 – 2.45 V.P.C.
Float Charge	Constant Voltage	2.30 – 2.35 V.P.C.
Equalize Charge	Constant Voltage	2.50 – 2.55 V.P.C.
Temperature Coefficient	- 0.003 V / °C	

TYPE NO.		TERMINAL TYPE	PERFORMANCE (Ah)1 to 1.75 V.P.C.		SHORT CIRCUIT CURRENT	ELECTROLYTE VOLUME		APPROXIMATE WEIGHT			
WET	DRY[2]		20 HR.	100 HR.		QUART	LITER	WET		DRY	
								LB.	KG.	LB.	KG.
6-VOLT SOLAR FLOODED MONOBLOC											
GC10	N/A	U	215	239	2400	7.5	7.1	60.5	27	N/A	N/A

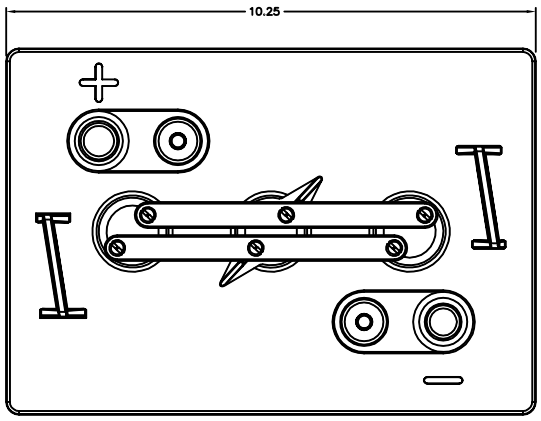
1 – Ratings after 15 Cycles
2 – "D" suffix indicated dry option available
N/A – Not Applicable

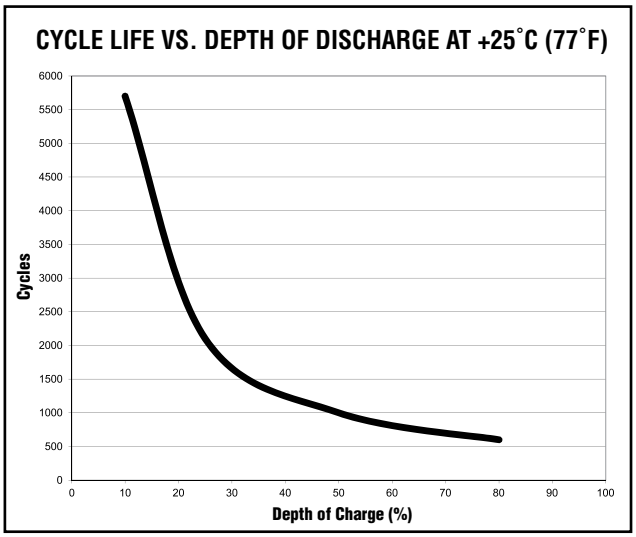


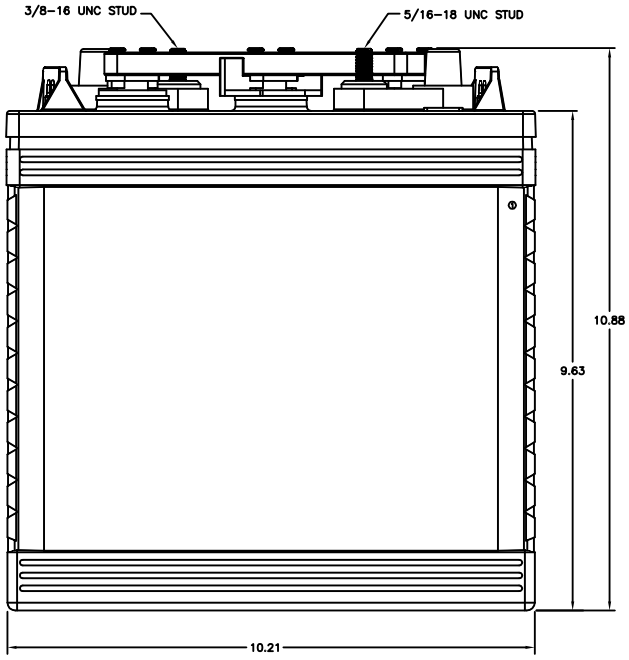
Terminal: U

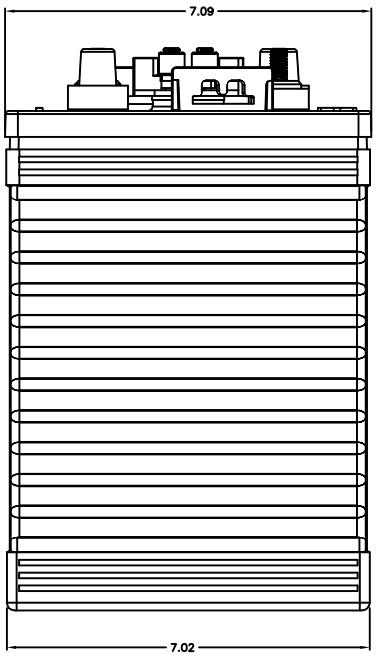
Deka SOLAR
PHOTOVOLTAIC BATTERIES

QUALITY SYSTEM CERTIFIED ISO 9001 ISO/TS 16949
ENVIRONMENTAL SYSTEM CERTIFIED ISO 14001









EASTPENN
www.dekabatteries.com

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