

TEST REPORT

BUYER	Noursun Energy (IRAN)	DATE	2017.08.22
MODEL	SG 1000H (12V100Ah/C20)	APPLICABLE STANDARD	KS C 8518
BRAND	newmax [®]	INSPECTOR	Chang Min / Lim

ITEM	Required performance		TEST RESULTS		
			S1	S2	S3
Physical Conditions	No strain, crack and transformation.		Complied	Complied	Complied
Dimension(mm)	Total Height	500mm ±2	500.3	500.2	500.3
	Height	180mm ±2	180.1	180.1	180.4
	Width	195mm ±2	195.2	195.2	195.2
	Length	224mm ±2	224.6	224.6	224.4
Capacity (C20, Cut-off 1.80V/cell)	Not less than 95% of the rated capacity shown in within five times of tests.		101.5% Complied	101.3% Complied	100.3% Complied
Maximum discharge current	No melting of current carrying part or remarkable deformation on appearance.		Complied	Complied	Complied
Overcharge performance	No remarkable deformation on appearance or leakage of electrolyte.		Complied	Complied	Complied
Gas Recombinating eEfficiency	Not less than 90% min.		99.9% Complied	99.9% Complied	99.9% Complied
Explosion-proof performance	No continuous flames or inducted explosion Inside battery.		Complied	Complied	Complied
Splash-proof performance	Escaped acid mist per one Ah of electricity passed shall be not more than 0.025mg.		0.0015mg/Ah Complied	0.0020mg/Ah Complied	0.0020mg/Ah Complied
Special requirement					

This test applies correspondingly to the KS C 8518, in conformity with UL 1989(UL File No. MH16651)



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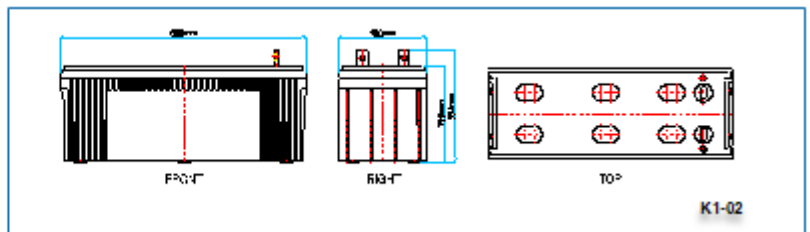
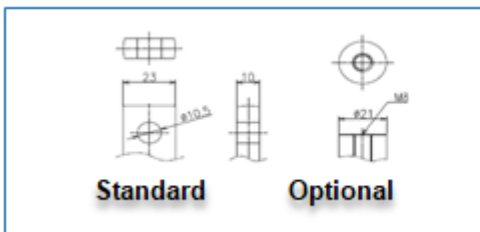
Attached 1)

- Photo



Standard terminal

- Dimension



- Certification

KS certification (Korean Standard) : Stationary sealed lead - acid batteries(VRLA types)

UL (MH16651)

ECO-LABEL

ISO 9001 QMS

ISO 14001 EMS

Green-biz (grade : excellent "S" grade)