



Eco-Friendly Energy-efficient Generator



Feature :

- ★ the case and outer lamps are made of high strength composite resins with excellent waterproof technology , make the system durable , waterproof , dustproof , anti-static , crushproof and corrosion resistance .
- ★ the light system can be quickly and easily disassembled , and put in the safety case , convenient to carry and transit .
- ★ supplied by chargeable storage battery , no need generator , energy-saving , high-efficient , Eco-Friendly and noiseless .
- ★ the lamps are composed by high brightness Cree LED light , assure the system low-energy , reliable , and long life time , the lamp life could be more than 50,000 hours .
- ★ each lamp (16W/20W) has same brightness as the traditional filament lamp with 300-500 power consumption
- ★ the lamp designed to have both spotlight and floodlight , convenient for rescue and emergency lighting
- ★ with fast plug-in self-locking adjustable bracket , extension height can be 1.8-2.1M .
- ★ the lamp can rotate 360 degree to illuminate any area .
- ★ Stroboscopic function is available for "SOS" rescue .
- ★ With Charging converter (AC100-240V) and 12V car charger , you can charge in any condition .
- ★ hand generator , solar generator and wind generator are available for charging the storage battery

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The mobile lighting system powered by diesel or gasoline generator, which use incandescent lamps as light source is widely used for long time .But this System has many disadvantages : too many wires ,not easy to install , easy to be stumbled , environmental pollution and noise pollution caused by generator , too heavy to carry it , high energy consumption and high cost maintenance. To solve above problems, we invented a new generation green environmental protection LED portable mobile lighting System , which is lighter with small volume . It is powered by hermetically sealed cell, low-energy and high-brightness, use CREE LED as light source . With secondary optical lighting design, we developed waterproof lighting system which has spotlight and floodlight function. This is a energy-efficient, high efficiency and environmental mobile lighting system . It is widely used for work sites like wild training , construction operation , emergency maintenance, flood control , medical aid , movie & television photography and accident handling , where need extensive high brightness lighting . It also works in windy , rainy , snowstorm and smoky environment , Bring a lot of benefits to military , police , fire-control , industry , construction and safety rescue .Save the cost for users and protect our increasingly fragile environment .



Style	FME-TL-38-1-16WS	FME-TL-38-1-16WS-1	FME-TL-38-26-24WS	FME-TL-24-X2	FME-TL-16-X2	FME-TL-16-3X
Luminaire types	1-16"CREE LED	1-16"CREE LED	1-24"CREE LED	2-24"CREE LED	2-16"CREE LED	3-16"CREE LED
Battery types	12V/15Ah	12V/15Ah	12V/24Ah	12V/40Ah	12V/24Ah	12V/40Ah
Charging Time	5h(14.6V/3A)	5h(14.6V/3A)	8h(14.6V/3A)	8h(14.6V/5A)	8h(14.6V/3A)	8h(14.6V/5A)
Light brightness	300~1300(1m)	300~1300(1m)	600~2000(1m)	1200~4000(1m)	600~2600(1m)	900~3900(1m)
Lighting time	9~9.5h	9~9.5h	10~8.5h	8.5~130h	8~100h	8~120h
Irradiation field	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))
Light head size:	175x165x66mm	175x165x66mm	222x173x66mm	222x173x66mm	175x165x66mm	175x165x66mm
Case size :	413x260x156mm	413x311x166mm	413x311x166mm	550x270x153mm	470x235x460mm	550x270x153mm
Power:	16W	16W	24W	48W	32W	48W
Weight:	8.8Kg	12.6Kg	12.8Kg	23Kg	15.6kg	26.2Kg



Style	FME-TL-24-X3	FME-TL-16-X4	FME-TL-24-96-X4	FME-TL-9WS	FME-TL-16WS	FME-TL-FL-9WS	FME-TL-FL-16WS
Luminaire types	3-24"CREE LED	4-16"CREE LED	4-24"CREE LED	1-9"CREE LED	1-16"CREE LED	1-9"CREE LED	1-16"CREE LED
Battery types	12V/40Ah	12V/40Ah	12V/40Ah	12V/15Ah	12V/15Ah	12V/15Ah	12V/15Ah
Charging Time	8h(14.6V/5A)	8h(14.6V/5A)	8h(14.6V/5A)	5h(14.6V/3A)	5h(14.6V/3A)	5h(14.6V/3A)	5h(14.6V/3A)
Light brightness	1800~6000(1m)	1200~5200(1m)	2400~8000(1m)	1200/750/540(1m)	300/800/1300(1m)	1200/750/540(1m)	300/800/1300(1m)
Lighting time	6~110h	5.5~10.5h	4~100h	12/20/40h	9/15/35h	12/20/40h	9/15/35h
Irradiation field	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))	15°(spotlighting 90°(diffused lighting))
Light head size:	175x165x66mm	175x165x66mm	222x173x66mm	95x92x37mm	95x92x37mm	95x92x37mm	95x92x37mm
Case size :	222x173x66mm	652.5x468.5x277mm	652.5x468.5x277mm	413x260x156mm	413x260x156mm	305x160x140mm	305x160x140mm
Power:	72W	64W	96W	9W	16W	9W	16W
Weight:	27kg	28.5Kg	29Kg	4.5kg	4.5kg	4.5kg	4.5kg